

TPE AST32A60

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SBS for injection molding.

Application

The grades are used for shoe soles application.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 2781	g/cm ³	1,0±0,02
Hardness	15 s	ISO 868	Shore A	60±3
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	1,5±0,2
Tensile Stress at 300%		ISO 37	MPa	2,5±0,3
Tensile Stress at Break		ISO 37	MPa	4,9±0,6
Elongation at Break		ISO 37	%	550±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss			mm ₃	200±20



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

Thermal Properties

Compression set	23 °C/72h 70 °C/24h 100°C/24h	ISO 815	%	—
* Compression set value can be vary on material technical characteristics.				

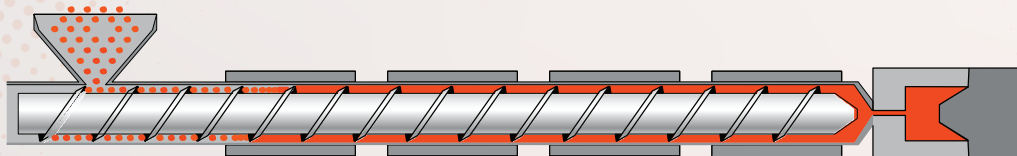
Other data

Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	65-90 190 5,0
---------------------------	-----------------------------------	----------	---------------------	---------------------

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST32A60 dry.

Recommended processing temperature



Injection molding	1st Zone	2nd Zone	3rd Zone	Nozzle	Mould
	140 ± 10 °C	145 ± 10 °C	150 ± 10 °C	155 ± 10 °C	170 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST30A60

Light Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

SBS based light thermoplastic compound for injection molding.

Application

The grades are used for shoe soles application.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 1183	g/cm ³	0,65±0,1
Hardness	15 s	ISO 868	Shore A	60±4
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	1,3±0,2
Tensile Stress at 300%		ISO 37	MPa	2,3±0,3
Tensile Stress at Break		ISO 37	MPa	4,5±1
Elongation at Break		ISO 37	%	600±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss		ISO 4649	mm ₃	250±30



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

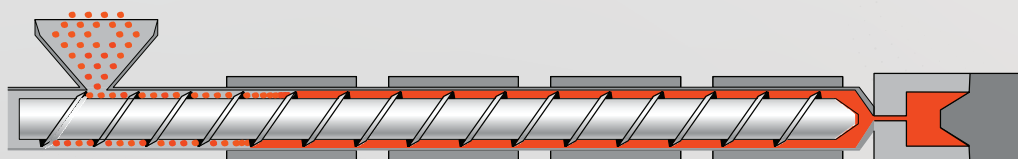
Other data

Melt Mass-Flow Rate (MFR)	Value	ISO 1133	g/10min	100±20
	Temperature		°C	190
	Test load		kg	5,0

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST30A60 dry.

Recommended processing temperature



Injection molding

1st Zone	2nd Zone	3rd Zone	Nozzle
170 ± 10 °C	170 ± 10 °C	175 ± 10 °C	180 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST110D45

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SEBS, that deliver thermoplastic and elastomeric properties, heat and UV stabilized.

Application

These grades are used in production of gaskets for PVC, aluminium, wooden windows and doors, truck sealing, baggage sealing.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 2781	g/cm ³	1,2±0,01
Hardness	15 s	ISO 868	Shore D	45±2
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	7±1
Tensile Stress at 300%		ISO 37	MPa	8±1
Tensile Stress at Break		ISO 37	MPa	10±1
Elongation at Break		ISO 37	%	600±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss			mm ₃	—



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

Thermal Properties

Compression set	23 °C/72h 70 °C/24h 100°C/24h	ISO 815	%	—
* Compression set value can be vary on material technical characteristics.				

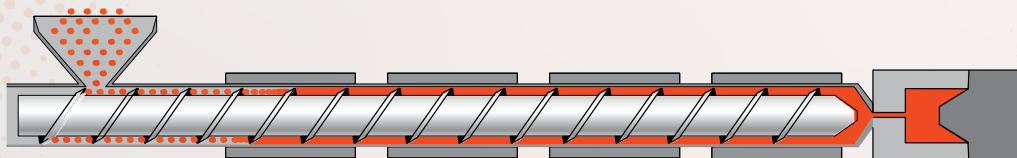
Other data

Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	1-5 230 2,16
---------------------------	-----------------------------------	----------	---------------------	--------------------

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST110D45 dry.

Recommended processing temperature



Injection molding	1st Zone 185 ± 10 °C	2nd Zone 195 ± 10 °C	3rd Zone 205 ± 10 °C	Nozzle 215 ± 10 °C	Mould 225 ± 10 °C
Extrusion / Blow molding	1st Zone 180 ± 10 °C	2nd Zone 190 ± 10 °C	3rd Zone 200 ± 10 °C	Head 210 ± 10 °C	Die 220 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST110A65

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SEBS, that deliver thermoplastic and elastomeric properties, heat and UV stabilized.

Application

These grades are used in production of gaskets for PVC, aluminium, wooden windows and doors.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 1183	g/cm ³	1,2±0,02
Hardness	15 s	ISO 868	Shore A	65±3
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	1,0±0,2
Tensile Stress at 300%		ISO 37	MPa	1,8±0,3
Tensile Stress at Break		ISO 37	MPa	8,5±1
Elongation at Break		ISO 37	%	800±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss			mm ₃	—



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

Thermal Properties

Compression set	23 °C/72h 70 °C/24h 100°C/24h	ISO 815	%	-
-----------------	-------------------------------------	---------	---	---

* Compression set value can be vary on material technical characteristics.

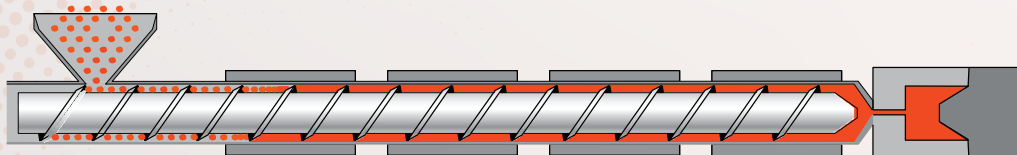
Other data

Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	0,5-3 190 5,0
---------------------------	-----------------------------------	----------	---------------------	---------------------

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST110A65 dry.

Recommended processing temperature



Injection molding	1st Zone 175 ± 10 °C	2nd Zone 185 ± 10 °C	3rd Zone 195 ± 10 °C	Nozzle 205 ± 10 °C	Mould 215 ± 10 °C
Extrusion / Blow molding	1st Zone 170 ± 10 °C	2nd Zone 180 ± 10 °C	3rd Zone 190 ± 10 °C	Head 200 ± 10 °C	Die 210 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST19A60

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SEBS, that deliver thermoplastic and elastomeric properties, heat and UV stabilized.

Application

These grades are used in production of gaskets for PVC, aluminium, wooden windows and doors, truck sealing, baggage sealing.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 2781	g/cm ³	1,17±0,01
Hardness	15 s	ISO 868	Shore A	60±3
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	1±0,2
Tensile Stress at 300%		ISO 37	MPa	1,8±0,3
Tensile Stress at Break		ISO 37	MPa	8,5±1
Elongation at Break		ISO 37	%	800±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss			mm ₃	—

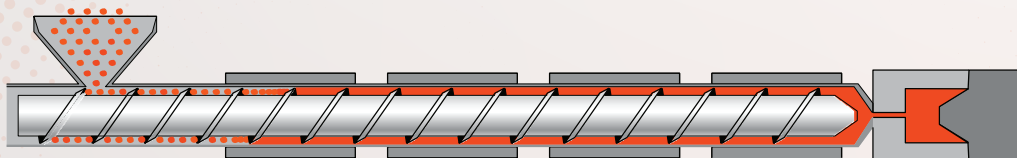


Properties	Test conditions	Test method	Unit	Value
Thermal Properties				
Compression set * Compression set value can be vary on material technical characteristics.	23 °C/72h	ISO 815	%	22
	70 °C/24h			38
	100°C/24h			70

Other data				
Melt Mass-Flow Rate (MFR)	Value	ISO 1133	g/10min	1-5
	Temperature		°C	190
	Test load		kg	5,0

Material preparation				
To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST19A60 dry.				

Recommended processing temperature				
---	--	--	--	--



Injection molding	1st Zone	2nd Zone	3rd Zone	Nozzle	Mould
	175 ± 10 °C	185 ± 10 °C	195 ± 10 °C	205 ± 10 °C	215 ± 10 °C
Extrusion / Blow molding	1st Zone	2nd Zone	3rd Zone	Head	Die
	170 ± 10 °C	180 ± 10 °C	190 ± 10 °C	200 ± 10 °C	210 ± 10 °C

Storage and Handling				
For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.				

TPE AST18A60 MS

Modified Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on modified SEBS, providing thermoplastic and elastomer power, UV-stabilization temperature.

Application

These grades are used in production of gaskets for PVC, aluminium, wooden windows and doors, truck sealing, baggage sealing.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 2781	g/cm ³	1,14±0,01
Hardness	15 s	ISO 868	Shore A	60±3
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	1,0±0,2
Tensile Stress at 300%		ISO 37	MPa	3,0±0,3
Tensile Stress at Break		ISO 37	MPa	10,0±1
Elongation at Break		ISO 37	%	550±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss			mm ₃	—



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

Thermal Properties

Compression set	70 °C/24h	ISO 815	%	30
-----------------	-----------	---------	---	----

* Compression set value can be vary on material technical characteristics.

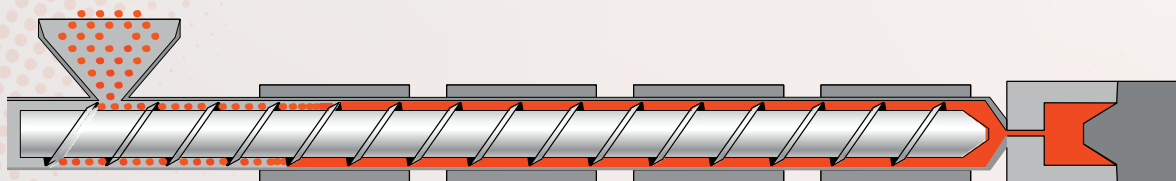
Other data

Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	0,1-1,5 190 5,0
---------------------------	-----------------------------------	----------	---------------------	-----------------------

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST18A60 MS dry.

Recommended processing temperature



Extrusion / Blow molding	1st Zone 170 ± 10 °C	2nd Zone 180 ± 10 °C	3rd Zone 190 ± 10 °C	Head 200 ± 10 °C	Die 210 ± 10 °C
--------------------------	-------------------------	-------------------------	-------------------------	---------------------	--------------------

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST19A70

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SEBS, provides thermoplastic and elastomeric properties, thermo- and UV-stabilized with the addition of filler. The material is quite durable, resistant to abrasion and scratches, easy to handle.

Application

These brands are used for car interior.

GENERAL PROPERTIES

Color:	According to request of the client
Shape of product:	Granule
Processing Method:	Extrusion, Injection Molding
Available Standards:	ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 2781	g/cm ³	1,18±0,03
Hardness	15 s	ISO 868	Shore A	70±3
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	1,2±0,2
Tensile Stress at 300%		ISO 37	MPa	2,2±0,3
Tensile Stress at Break		ISO 37	MPa	7,5±1
Elongation at Break		ISO 37	%	750±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss			mm ₃	270±20

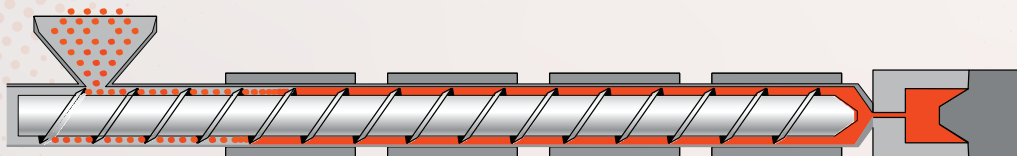


Properties	Test conditions	Test method	Unit	Value
Thermal Properties				
Compression set	23 °C/72h 70 °C/24h 100°C/24h	ISO 815	%	—
* Compression set value can be vary on material technical characteristics.				
Other data				
Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	0,7-1,3 230 2,16

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST19A70 dry.

Recommended processing temperature



Injection molding	1st Zone 175 ± 10 °C	2nd Zone 185 ± 10 °C	3rd Zone 195 ± 10 °C	Nozzle 205 ± 10 °C	Mould 215 ± 10 °C
Extrusion / Blow molding	1st Zone 170 ± 10 °C	2nd Zone 180 ± 10 °C	3rd Zone 190 ± 10 °C	Head 200 ± 10 °C	Die 210 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST113A75

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SEBS, provide combination of flexibility and toughness, heat and UV stabilized.

Application

The grades are used in cable sheathing and isolation, cords and connectors, cover of plug tops.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 2781	g/cm ³	1,3±0,03
Hardness	15 s	ISO 868	Shore A	75±3
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	2,0±0,2
Tensile Stress at 300%		ISO 37	MPa	3,0±0,3
Tensile Stress at Break		ISO 37	MPa	6,5±1
Elongation at Break		ISO 37	%	600±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss			mm ₃	—



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

Thermal Properties

Compression set	23 °C/72h 70 °C/24h 100°C/24h	ISO 815	%	—
* Compression set value can be vary on material technical characteristics.				

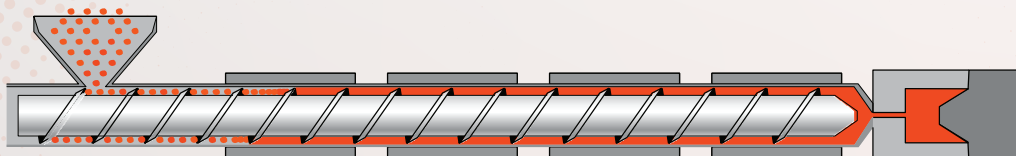
Other data

Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	0,2-5 230 2,16
---------------------------	-----------------------------------	----------	---------------------	----------------------

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST113A75 dry.

Recommended processing temperature



Injection molding	1st Zone 175 ± 10 °C	2nd Zone 185 ± 10 °C	3rd Zone 195 ± 10 °C	Nozzle 205 ± 10 °C	Mould 215 ± 10 °C
Extrusion / Blow molding	1st Zone 170 ± 10 °C	2nd Zone 180 ± 10 °C	3rd Zone 190 ± 10 °C	Head 200 ± 10 °C	Die 210 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST19A80 HF

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SEBS, provide combination of flexibility and toughness, heat and UV stabilized.

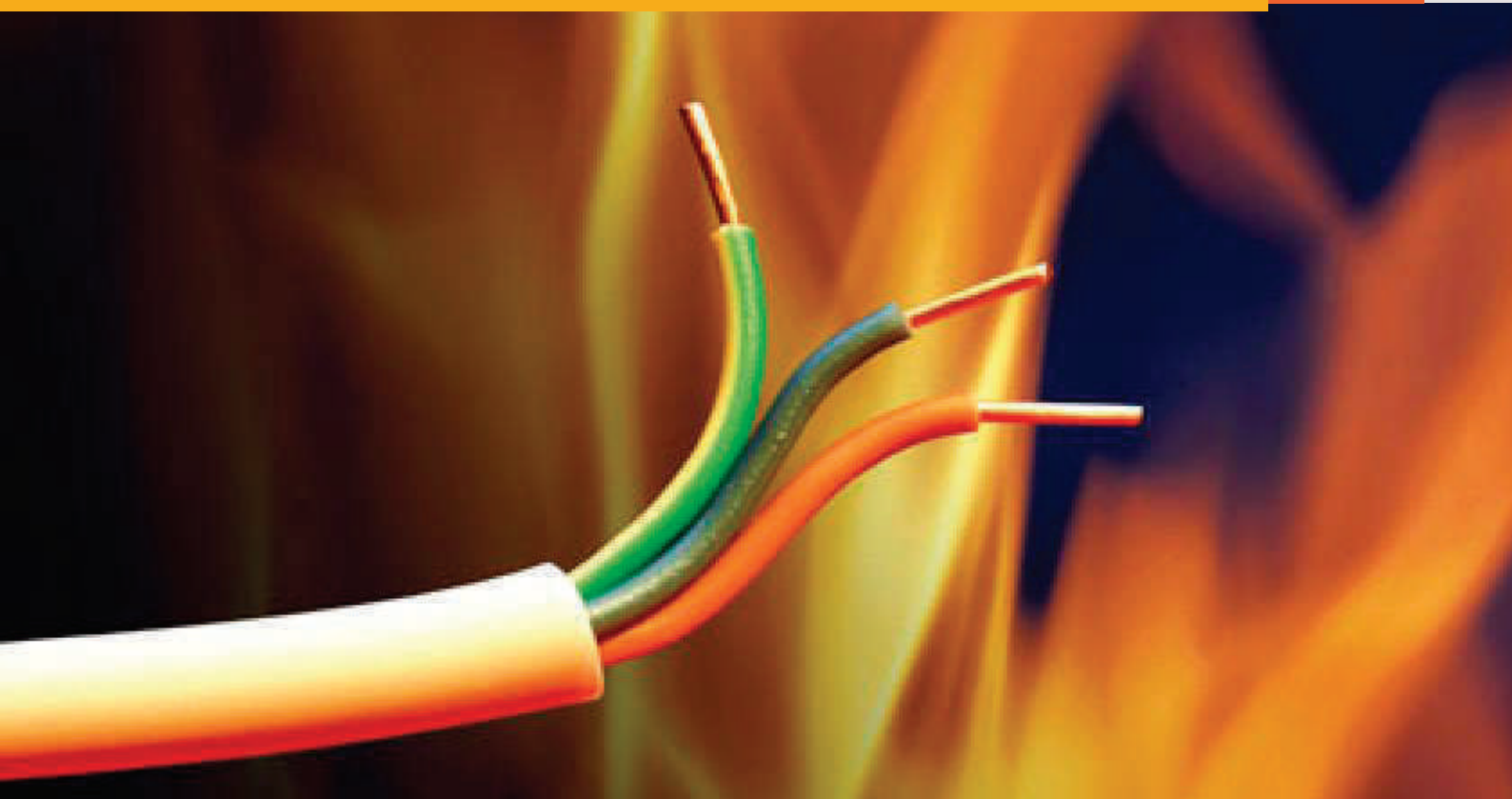
Application

The grades are used in cable sheathing and isolation, cords and connectors, cover of plug tops.

GENERAL PROPERTIES

Color: Natural
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 2781	g/cm ³	1,18±0,03
Hardness	15 s	ISO 868	Shore A	80±3
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	2,9±0,2
Tensile Stress at 300%		ISO 37	MPa	3,5±0,3
Tensile Stress at Break		ISO 37	MPa	4,1±1
Elongation at Break		ISO 37	%	400±50
Tear Strength		ISO 34-1	kN/m	40
Flammability (1,6 mm)		URL94	V ₀	
Brittleness Point		*	°C	-55
Max. Dynamic Service Temperature		*	°C	90
Limiting Oxygen Index		ISO 4589	%	29
Max. Static Service Temperature		*	°C	135



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

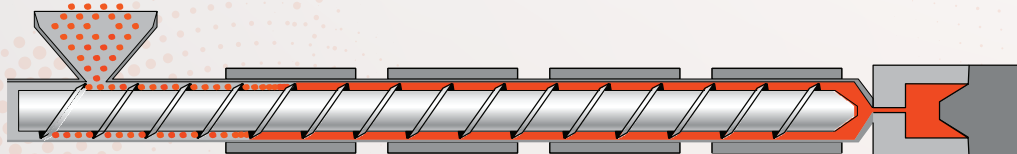
Other data

Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	-
---------------------------	-----------------------------------	----------	---------------------	---

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST19A80 HF dry.

Recommended processing temperature



Injection molding	1st Zone 175 ± 10 °C	2nd Zone 185 ± 10 °C	3rd Zone 195 ± 10 °C	Nozzle 205 ± 10 °C	Mould 215 ± 10 °C
Extrusion / Blow molding	1st Zone 170 ± 10 °C	2nd Zone 180 ± 10 °C	3rd Zone 190 ± 10 °C	Head 200 ± 10 °C	Die 210 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST113A80

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SEBS, provide combination of flexibility and toughness, heat and UV stabilized.

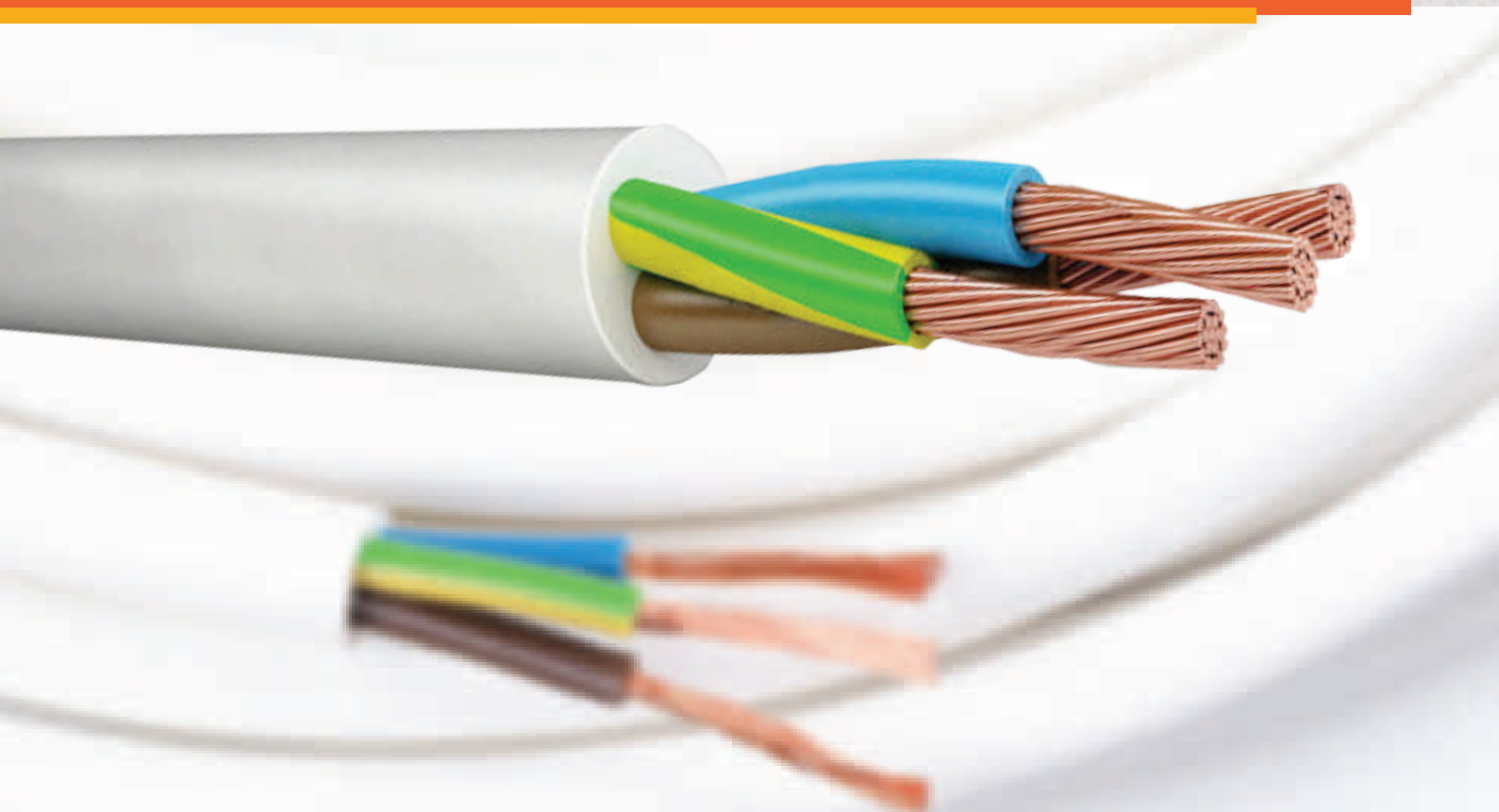
Application

The grades are used in cable sheathing and isolation, cords and connectors, cover of plug tops.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
■ Physical properties				
Density		ISO 2781	g/cm ³	1,3±0,03
Hardness	15 s	ISO 868	Shore A	80±3
* Hardness and density can be vary on customer requirements				
■ Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	2,2±0,2
Tensile Stress at 300%		ISO 37	MPa	3,1±0,3
Tensile Stress at Break		ISO 37	MPa	6±1
Elongation at Break		ISO 37	%	700±50
Tear Strength		ISO 34-1	kN/m	—
Abrasion loss			mm ₃	—



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

Thermal Properties

Compression set	23 °C/72h 70 °C/24h 100°C/24h	ISO 815	%	—
* Compression set value can be vary on material technical characteristics.				

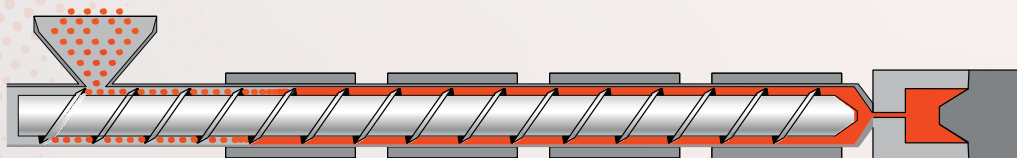
Other data

Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	2-5 230 2,16
---------------------------	-----------------------------------	----------	---------------------	--------------------

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST113A80 dry.

Recommended processing temperature



Injection molding	1st Zone 175 ± 10 °C	2nd Zone 185 ± 10 °C	3rd Zone 195 ± 10 °C	Nozzle 205 ± 10 °C	Mould 215 ± 10 °C
Extrusion / Blow molding	1st Zone 170 ± 10 °C	2nd Zone 180 ± 10 °C	3rd Zone 190 ± 10 °C	Head 200 ± 10 °C	Die 210 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.

TPE AST113A80VO

Thermoplastic Elastomer

TECHNICAL DATA SHEET

Product description

Thermoplastic elastomer based on SEBS, provide combination of flexibility and toughness, heat and UV stabilized.

Application

The grades are used in cable sheathing and isolation, cords and connectors, cover of plug tops.

GENERAL PROPERTIES

Color: According to request of the client
Shape of product: Granule
Processing Method: Extrusion, Injection Molding
Available Standards: ISO

Properties	Test conditions	Test method	Unit	Value
Physical properties				
Density		ISO 2781	g/cm ³	1,3±0,03
Hardness	15 s	ISO 868	Shore A	80±3
* Hardness and density can be vary on customer requirements				
Mechanical properties				
Tensile Stress at 100%		ISO 37	MPa	2,4±0,2
Tensile Stress at 300%		ISO 37	MPa	3,2±0,3
Tensile Stress at Break		ISO 37	MPa	7,2±1
Elongation at Break		ISO 37	%	700±50
Tear Strength		ISO 34-1	kN/m	42
Flammability (1,6 mm)		VO		UL94



Properties	Test conditions	Test method	Unit	Value
------------	-----------------	-------------	------	-------

Thermal Properties

Compression set	23 °C/72h 70 °C/24h 100°C/24h	ISO 815	%	—
* Compression set value can be vary on material technical characteristics.				

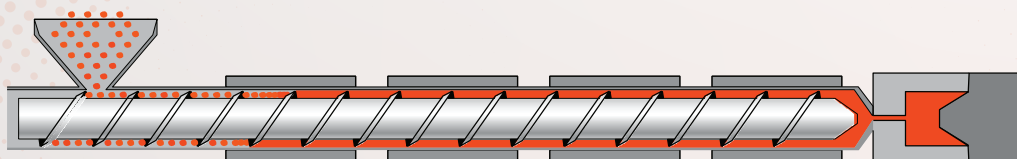
Other data

Melt Mass-Flow Rate (MFR)	Value Temperature Test load	ISO 1133	g/10min °C kg	2-5 230 2,16
---------------------------	-----------------------------------	----------	---------------------	--------------------

Material preparation

To ensure a trouble-free processing and high quality of the molded parts is recommended to use TPE AST113A80VO dry.

Recommended processing temperature



Injection molding	1st Zone 150 ± 10 °C	2nd Zone 160 ± 10 °C	3rd Zone 170 ± 10 °C	Nozzle 185 ± 10 °C	Mould 210 ± 10 °C
Extrusion / Blow molding	1st Zone 170 ± 10 °C	2nd Zone 180 ± 10 °C	3rd Zone 190 ± 10 °C	Head 200 ± 10 °C	Die 210 ± 10 °C

Storage and Handling

For easy handling and storage, the production is supplied as cylindrical pellets packed into 25 kg bags (40 bags per pallet) or bulk bags (1.000 kg). The storage location should be in a cool place away from light and heat sources. The ambient temperature should not exceed 50°C otherwise it can lead to a degradation of the product, which can result in colour changes, odour and effect production performance.