

# WM3100

## White masterbatch compound

### TECHNICAL DATA SHEET

#### Product description

WM3100: white titanium dioxide based superconcentrate polyethylene and with calcium carbonate filler.

#### Application

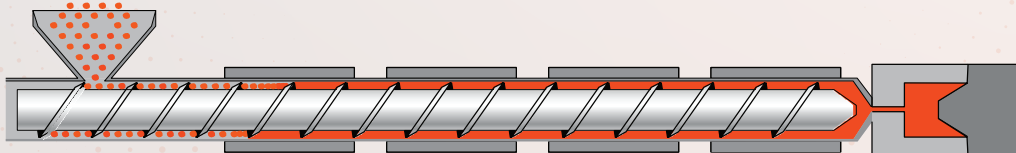
In the packaging, consumer goods, plastics industry, automotive, household products, extrusion, injection molding products, blow molding.

#### GENERAL PROPERTIES

Color:	White
Shape of product:	Granule
Processing Method:	Extrusion
Available Standards:	ISO

Properties	Test conditions	Test method	Unit	Value
<b>Physical properties</b>				
Density		ISO 2781	g/cm <sup>3</sup>	min 1,87 - max 2,00
TiO <sub>2</sub> content		ISO 3451	%	min 29 - max 33
Moisture Content		ISO 787/2	%	max 0,1
Melt Mass-Flow Rate (MFR)	Value		g/10min	min 0,3- max 4,0
	Temperature	ISO 1133	°C	190
	Test load		kg	5,00

#### Recommended processing temperature



Extrusion / Blow molding	180 ± 10 °C 1st Zone	190 ± 10 °C 2nd Zone	200 ± 10 °C 3rd Zone	210 ± 10 °C Head	220 ± 10 °C Die
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#### 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 dry and dust free. 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.

#### Other data

Shelf life - 3 years.



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