

Technical Data Sheet

Product Name: **White Masterbatch**

Grade: **RP78W40**

Description:

RP78W40 is medium filled rutile TiO₂ masterbatch in polyethylene resin. This grade contains 40 wt% high quality and fine white pigments in which best dispersion and distribution of white pigments is provided. It can be applicable in general applications such as film coating, extrusion coating, injection molding.

General Information:

Material Status:	<i>Commercially Active</i>
Delivery form:	<i>Pellets</i>
Color:	<i>White</i>
Processing Method:	<i>Film blowing, Blow molding, Injection molding</i>
Application:	<i>PE Packaging films, Shopping bags, Injected part</i>
Packing:	<i>25 kg</i>

Characteristics:

	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
Density	1.9	gr/cm ³	ASTM D 792
Mineral Pigment Content	40±2	%	ASTM D 4218
Moisture Content	≤ 0.1	%	ASTM D 644
Dispersion	Excellent	---	Internal method

Recommendation:

- *The recommended dosage is 1 to 3 % in PE depending on required quality*
- *The recommended processing temperature is lower than 240 °C*
- *Store in dry place away from direct sun exposure*

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