

Technical Data Sheet

Product Name: **White Masterbatch**

Grade: **RP78WM-70**

Description:

RP78WM-70 is high filled rutile TiO₂ masterbatch in polyethylene resin. This grade contains 70 wt% high quality and fine white pigments in which best dispersion and distribution of white pigments is provided. It can be applicable in high quality applications such as film coating, extrusion coating, injection molding for food contact, medical devices and products for photographic applications.

General Information:

Material Status:	<i>Commercially Active</i>
Delivery form:	<i>Pellets</i>
Color:	<i>White</i>
Processing Method:	<i>Rotational molding, Film blowing, Blow molding, Injection molding</i>
Application:	<i>Water containers, 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	1.95	gr/cm ³	ASTM D 792
Mineral Content	70±2	%	ASTM D 4218
Moisture Content	≤ 0.1	%	ASTM D 644
Dispersion	Excellent	---	Internal method

Recommendation:

- The recommended dosage is 0.5 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

Published July, 2021

Web-site: www.rayanbaspar.com

E-mail: rayanbaspar.ind@gmail.com

Tel: +98 21 4478 7085

Fax: +98 21 4478 7085

Address: Polymer Technology Incubator (IPPI), Km 15, Tehran-Karaj high way, Tehran, Iran