

Technical Data Sheet

Product Name: **Optical Brightener Masterbatch**

Grade: **RP76OB**

Description:

RP76OB is a fluorescent whitening agent masterbatch which is called optical brightener masterbatch. The main application of this grade is reduce in yellowing of finished products, improve whiteness and enhance the brightness of a product. The working mechanism is via absorbing light in the UV spectrum and emits light in the blue region of visible spectrum to yield a brighter and fresher appearance. The main application of this grade is injection molding industry, recycled material production and packaging industry.

General Information:

Material Status:	<i>Commercially Active</i>
Delivery form:	<i>Pellets</i>
Color:	<i>Optical Green</i>
Processing Method:	<i>Injection molding, Film blowing, etc</i>
Application:	<i>Recycled material production, Injection molding part, Packing films</i>
Packing:	<i>25 kg</i>

Characteristics:

	<i>Value</i>	<i>Unit</i>	<i>Test method</i>
Density	0.95	gr/cm ³	ASTM D 792
MFI (190 °C, 2.16 Kg)	15	gr/10min	ASTM D 1238

Recommendation:

- *The recommended dosage is 0.3 to 1.5 % depending on desired final application of product*
- *Store in dry place away from direct sun exposure*
- *The appropriate shelf life is 24 months after producing date*

Published July, 2021

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