

Technical Data Sheet

Niruadd-OB

Optical Brightener Masterbatch

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

Niruadd-OB is an optical brightener masterbatch which is called Fluorescent Whitening agents. This masterbatch is added in polymers to reduce yellowing, improve whiteness and to enhance the brightness of a product. This masterbatch works via absorbing light in the UV spectrum and emits light in the blue region of visible spectrum to yield a brighter and fresher appearance.

General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Blown film, Cast film, Injection molding
Appearance	•Optical Green

Physical Properties	Value	Unit	Test Method
Density	0.93	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	gr/10 min	ASTM D1238

Usage

Niruadd-OB can be added from 0.1 to 1% during processing of polymer. The addition level will vary depending on the application of product.

Special characteristics

- Brighten colors
- Improve initial colors
- Reduce yellowing of plastics
- Get brilliancy of colored or black pigmented articles
- Improve brightness of recycled polymers
- Glossy surface
- It gives smooth and glossy surface of film

◆ Values shown are average & are not to be considered as product specifications.

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