

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, Non-woven/Fiber, House hold, Injection molded products
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)	15	gr/10 min	ASTM D1238
Moisture Content	0.03	%	ASTM D570

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.

Web-site: www.npolymer.com

Address: Abbas abad Industrial Zone-Tehran-Iran

E-mail: Sales@npolymer.com

Tel: (+9821)35000234 Fax: (+9821)43850755