

Technical Data Sheet

Niruadd-W70

White Masterbatch

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

Niruadd-W70 is a super white colour masterbatch which is contained up to 70% pigment. This masterbatch is applicable in high quality specialty applications such as film coating, extrusion coating, molding for food contact, medical devices and products for photographic applications. This masterbatch has an excellent dispersion which is critical for an appropriate and homogeneous colour distribution of finished products.

General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Blown film, Non-woven/Fiber, House hold, Injection molded products
Appearance	•White

Physical Properties	Value	Unit	Test Method
Density	1.9	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (190°C/2.16 kg)	8	gr/10 min	ASTM D1238
Moisture Content	0.03	%	ASTM D570

Usage

Niruadd-W70 can be added from 1 to 5% during processing of polymer products. The addition level will vary depending on the application of product.

Special characteristics

- Excellent dispersion
- Formulation suited for thick and thin wall molding applications
- Formulations in polyolefins and engineering resins
- Easy to incorporate
- Improve whiteness 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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