

Technical Data sheet



Niruadd-MB-Anti UV

Anti UV Masterbatch

Nirumand Polymer

Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

Niruadd-MB-Anti UV is an anti UV masterbatch is used to provide protection against UV-radiation of the sun which cause to initiate or accelerate chain scission and/or cross-linking reactions. This masterbatch is added in polymers to reduce loosing its properties and becoming brittle. This masterbatch contains additives with very low volatility and can be used in both cast and blown film processes for the manufacture of films with different thickness. It can be used with all types of polyolefines PE, PP, EVA and other copolymers.

General Properties

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

Physical Properties	Value	Unit	Test Method
Density	0.9	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	gr/10 min	ASTM D1238
Moisture Content	0.03	%	ASTM D570

Usage

Niruadd-Anti UV can be added from 1.5 to 5% during processing of polymer. The addition level will vary depending on the application of product.

Special characteristics

The excellent dispersion of the additives in the base resin
Easy processing without affecting the mechanical properties of the finished product
Eliminate yellowing of plastics in exposed of sun light

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

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