

Technical Data sheet

Niruadd-UV Absorber

Light Stabilizer Masterbatch

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

Niruadd-UV Absorber is a light stabilizer 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
Color change (db) (after 9 hr of UV radiation)	< 5	-	Internal
Color change (db) (after 18 hr of UV radiation)	< 6	-	Internal

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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