

- Low Density Polyethylene

Friday, June 30, 2017

General Information

Product Description

SINPOLENE MBN 4032 is a polyethylene-based UV masterbatch suitable for stabilization of thin section articles, especially for fibre and tapes. SINPOLENE MBN4032 exhibits very good heat stability and compatibility.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
Additive	• UV Stabilizer: 15%
Features	• UV Absorbing
Uses	• Fibers • Tape
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	> 20	g/10 min	ASTM D1238
Moisture Content	< 0.15	%	ASTM D3030

Additional Information

1% to 4% of masterbatch is recommended depending on application and thickness of product

Maximum recommended storage time under suitable conditions (cool and dry): 5 years.

Notes

¹ Typical properties: these are not to be construed as specifications.

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