

Lucofin® 1494H

Maleic Anhydride Grafted Polymer

Lucobit AG

Message:

Product description

Lucofin® 1494H is a chemically modified polyethylene, i.e. EBA grafted with maleic anhydride (MA).

Properties

Lucofin® 1494H can be used pure or as a component in mixtures applications where improved polarity is required.

Product advantages

easy processing on standard processing equipment

polarity and adhesion to various materials

good compatibility and filler acceptance

good mechanical properties

environmentally sound

Applications

Due to the high content of grafted maleic anhydride this grade provides excellent adhesion to polyolefins, PE copolymers, ionomers, polyamides, EVOH, polyesters, polycarbonates and aluminum. This grade can be used in multilayer films/structures -possibly in blend with Lucofin 1400 HN or Lucofin 1400 MN- to act as a tie layer between dissimilar materials, e. g.:

PE / Lucofin 1494H / PA

PE / Lucofin 1494H / PET

PE / Lucofin 1494H / EVOH

Processing

Lucofin® 1494H is suited for conventional standard processing equipment, especially for blown film lines. We recommend the following standard values:

Extrusion approx. 160° - 270°C

Storage and handling

Lucofin® 1494H should be stored in dry conditions a temperature below 60 °C and protected from UV-light. Otherwise degradation may occur resulting in smell generation

and colour changes.

Packaging

Granules in 25 kg bags, pallet standard = 1250 kg

General Information			
Features	Environmentally Sound		
	Good Adhesion		
	Good Processability		
Uses	Blending		
	Multilayer Film		
	Tie-Layer		
Appearance	Natural Color		
	Opaque		
Processing Method	Blown Film		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	1.80	cm ³ /10min	ISO 1133

Extrusion	Nominal Value	Unit
Melt Temperature	160 to 270	°C

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Recommended distributors for this material

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