

Lucofin® 1494

Maleic Anhydride Grafted Polymer

Lucobit AG

Message:

Product description

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

Properties

Lucofin® 1494 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 1494 / PA

PE / Lucofin 1494 / PET

PE/ Lucofin 1494 / EVOH

Processing

Lucofin® 1494 is suited for conventional standard processing equipment, especially for cast film and extrusion coating lines. We recommend the following standard values: Extrusion approx. 160° - 270°C

Storage and handling

Lucofin® 1494 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	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	7.00	cm ³ /10min	ISO 1133
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 270	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

