

Lucofin® 1492

Ethylene Butyl Acrylate Copolymer

Lucobit AG

Message:

Product description

Lucofin® 1492 is a chemically modified polyethylene, i.e. EBA grafted with maleic anhydride (MA).

Properties

Lucofin® 1492 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 maleic anhydride content this grade offers excellent adhesion to polar materials and can be used possibly in combination with Lucofin 1400HN or Lucofin 1400MN to

provide high filler loading, such as ATH (Aluminium tri hydrate) and MDH (Magnesium di hydrate) in HFFR compounds

flexibilize and impact modify otherwise brittle plastics (PA, PA/ABS, PBT, PET), including scrap/recycled material

modify melt viscosity and therefore improve processability for PA

compatibilize dissimilar polymer compounds, such as PA/PE and PE/PS

improve bonding and strength in

wood-plastic composite WPC, such as PE, PP /wood flour

polymer / fiber (glass fiber, natural fiber, long fiber, short fiber) compounds such as PP / long glass fiber

General Information			
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Bondability		
	Environmentally Sound		
	Good Adhesion		
	Good Flexibility		
	Good Processability		
Uses	Plastics Modification		
Appearance	Natural Color		
	Opaque		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	5.00	cm ³ /10min	ISO 1133
Extrusion	Nominal Value	Unit	
Melt Temperature	160 to 270	°C	

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