Lucobit Lucobit® 1220 Ethylene Copolymer Bitumen

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Lucobit® combines the positive properties of polyolefins and bitumen. The material is black and consists of mixtures based on high quality polyethylene copolymers with varying additions of special and amorphous bitumen. Bitumen is integrated homogeneously in the polymer matrix and thus can be processed as free-flowing granules on conventional processing equipment.Lucobit® has proven to be a robust and reliable raw material for roofing and sealing membranes. Product provides improvements in:â€¢ corrosion protection â€¢ thermal insulationâ€¢ weathering resistance â€¢ thermal stabilityâ€¢ bonding and weldability â€¢ anti-static effectâ€¢ filler acceptance â€¢ shrinkage reductionâ€¢ environmental stress crack resistanceInformation provided by Lucobit AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucobit-Lucobit-1220-Ethylene-Copolymer-Bitumen.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/inÂ³	ISO 1183
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 190 Â°C	12 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	ISO 868
Modulus of Elasticity	0.0410 GPa	5.95 ksi	ISO 527

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-20.0 Â°C	-4.00 Â°F	Low Temperature Flexural Test; DIN 53361

Processing Properties	Metric	English	Comments
Processing Temperature	150 - 180 Â°C	302 - 356 Â°F	Profiles
	160 - 230 Â°C	320 - 446 Â°F	Membranes
	160 - 240 Â°C	320 - 464 Â°F	Coatings
Melt Temperature	160 - 220 Â°C	320 - 428 Â°F	
Mold Temperature	10.0 - 40.0 Â°C	50.0 - 104 Â°F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com