

Lucobit Lucolit® 1322 Polyolefin TPO Granules, Red

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Lucolit is a colored, highly stabilized, bitumen-free TPO raw material based on polyolefins. Lucolit products display excellent tear resistance, flexibility, and weathering resistance. Lucolit exhibits good toughness, superior biaxial stretchability, and flexibility even at low temperatures. It is insensitive to stress cracking and notch effects. Special stabilization provides good resistance to heat ageing and UV radiation. Lucolit is thus to a large extent resistant to weathering and ageing. Applications: – Roofing sealing and membranes – Construction profiles and water stops – Injection molded parts in the building sector

Information provided by Lucobit AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucobit-Lucolit-1322-Polyolefin-TPO-Granules-Red.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	ISO 1183
Melt Flow	9.0 g/10 min	9.0 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ISO 868
Modulus of Elasticity	0.0800 GPa	11.6 ksi	ISO 527

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	<= -45.0 °C	<= -49.0 °F	Low Temperature Flexural Test; DIN 53361

Processing Properties	Metric	English	Comments
Processing Temperature	150 - 200 °C	302 - 392 °F	Profiles
	160 - 230 °C	320 - 446 °F	Membranes
	160 - 270 °C	320 - 518 °F	Coatings
Melt Temperature	160 - 220 °C	320 - 428 °F	
Mold Temperature	10.0 - 40.0 °C	50.0 - 104 °F	

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