

Lucobit Lucofin® 1455MB Polyolefin TPO Granules, Black

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Lucofin is a colored, highly stabilized, bitumen-free TPO raw material based on polyolefins. Lucofin products display excellent tear resistance, flexibility, and weathering resistance. Lucofin 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. Lucofin is thus to a large extent resistant to weathering and ageing. Applications:• Roofing and swimming pool 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-Lucofin-1455MB-Polyolefin-TPO-Granules-Black.php

Physical Properties	Metric	English	Comments
Density	1.09 g/cc	0.0394 lb/in ³	ISO 1183
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 190 °C	9.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ISO 868

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 - 180 °C	302 - 356 °F	Profiles
	160 - 230 °C	320 - 446 °F	Membranes
	160 - 240 °C	320 - 464 °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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