

Lucobit Lucofin® 1412-t1 Polyolefin TPO Granules, Light Grey

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

Lucofin are colored, highly stabilized polyolefin-based TPO granules. The t1 series is distinguished by good tenacity, high biaxial extensibility and flexibility outstanding breaking strength, and flexibility and resistance to weathering even at low temperatures. Applications:• Colored roof sheeting• Sealing sheeting• Construction profiles This product is provided with special halogen free fire retardants in order to pass test method 1 of European standard EN 1187 Information provided by Lucobit AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucobit-Lucofin-1412-t1-Polyolefin-TPO-Granules-Light-Grey.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ISO 1183
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ISO 868

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	<= -40.0 °C	<= -40.0 °F	Low Temperature Flexural Test; EN 495-5

Processing Properties	Metric	English	Comments
Processing Temperature	150 - 180 °C	302 - 356 °F	Profiles
	160 - 180 °C	320 - 356 °F	Membranes
	160 - 180 °C	320 - 356 °F	Coatings
Melt Temperature	160 - 180 °C	320 - 356 °F	
Mold Temperature	10.0 - 40.0 °C	50.0 - 104 °F	

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