

ExxonMobil Polybilt™ Bitumen Modifier 101 Low Density Polyethylene Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Product Description: Polybilt 101 is compatible with a large variety of bitumens. For optimum results a preliminary study is recommended to determine the base bitumen grade and optimum Polybilt 101 content to achieve the desired end-use properties. Boots binder softening point and decreases penetration. Gives modified blends with excellent storage stability and handling characteristics. Particularly recommended for easy mixing in less compatible bitumen. Availability: Africa & Middle East, Asia Pacific and Europe Additive: Thermal Stabilizer: No Applications: Bitumen modifier Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Polybilt-Bitumen-Modifier-101-Low-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.943 g/cc	0.0341 lb/in ³	ExxonMobil method
Viscosity	3100 cP @Temperature 190 °C	3100 cP @Temperature 374 °F	ASTM D3236
Vinyl Acetate Content	14 %	14 %	ExxonMobil Method

Thermal Properties	Metric	English	Comments
Melting Point	<= 201 °C	<= 394 °F	Peak Melting Point; ExxonMobil method
Crystallization Temperature	<= 170 °C	<= 338 °F	
Vicat Softening Point	47.8 °C	118 °F	ASTM D1525

Descriptive Properties	Value	Comments
Blending Temperature	160-170°C	

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