

Polybilt™ Bitumen Modifier 101

Low Density Polyethylene Resin

ExxonMobil Chemical

Message:

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. - Boosts 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. Processing Conditions: Polybilt 101 pellets are free flowing, therefore, well suited for use in automated feeding and metering systems. Polybilt 101 can be blended easily using conventional equipment and does not require a high shear mixer. Blending time depends on the equipment used. Polybilt 101 can be pre-blended with bitumen or poured directly into the pugmill. Recommended blending temperature is 160 - 170°C (320 - 338°F).

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Vinyl Acetate Content	14.0	wt%	ExxonMobil Method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	48.0	°C	ASTM D1525
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (190°C)	3100	mPa·s	ASTM D3236

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