

# Polybilt™ Bitumen Modifier 106

Low Density Polyethylene Resin

ExxonMobil Chemical

## Message:

Polybilt 106 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 106 content to achieve the desired end-use properties. - Raises binder softening point and decreases penetration. - Substantially improves resistance to rutting. - Substantially improves resistance to jet fuels. - Improves binder low temperature flexibility and cohesion. Processing Conditions: Polybilt 106 pellets are free flowing, therefore, well suited for use in automated feeding and metering systems. Polybilt 106 can be blended easily using conventional equipment. Blending time will depend on the shear rate of the equipment used. Polybilt 106 can be pre-blended with bitumen or poured directly into the pugmill. Recommended blending temperature is 180 - 190°C (356 - 374°F).

General Information			
Additive	Heat Stabilizer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Vinyl Acetate Content	24.0	wt%	ExxonMobil Method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	50.0	°C	ASTM D1525

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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