

Polimeri Europa Europrene® SOL R 72612 Styrene - Butadiene Copolymer

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

Material Notes:

Europrene® SOL R 72612 is a solution polymerized, oil extended styrene-butadiene random copolymer. The polymer is extended with a MES oil and contains a non-staining antioxidant. It is produced by batch polymerization process. Key Features: Europrene® SOL R 72612 has a microstructure and molecular weight distribution designed to provide a good balance in dynamic properties particularly rolling resistance and wet grip. The safe oil introduction makes Europrene® SOL R 72612 more suitable for winter tire application where good low temperature properties are required compared to the aromatic oil based grades. Main Applications: Silica-based compounds for low rolling resistance tire treads, winter tire treads. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-SOL-R-72612-Styrene-Butadiene-Copolymer.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.75 %	<= 0.75 %	ASTM D5668
Mooney Viscosity	48 @Temperature 100 °C	48 @Temperature 212 °F	ASTM D1646
Vinyl Acetate Content	67 %	67 %	Referred to butadiene portion; Internal Method
Ash	<= 0.20 %	<= 0.20 %	ASTM D5667

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-31.0 °C	-23.8 °F	Internal Method

Chemical Properties	Metric	English	Comments
Styrene Content	25 %	25 %	Bound; ASTM D5775

Descriptive Properties	Value	Comments
Oil Content (phr)	36.8	ASTM D5774

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