

Polimeri Europa Intol® 1739 Emulsion Styrene-Butadiene Rubber

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

Material Notes:

Intol® 1739 is an emulsion styrene-butadiene rubber obtained by cold polymerization using a mixture of rosin acid and fatty acid soaps as emulsifiers. It is a high bound styrene copolymer extended with TDAE oil. A non-staining antioxidant is added during the production process. Key Features: E-SBR is a general purpose rubber characterized by good processability, mechanical properties and abrasion resistance. It has limited resistance to oil and weather but properly compounded, it is suitable for use in outdoor applications. Intol® 1739 is the TDAE oil extended alternative to Intol®/Europrene® 1721. Due to the plasticizing influence of the safe oil, Intol® 1739 shows a better processing behavior, an improved abrasion resistance and a slight decrease in wet grip compared to Intol®/Europrene® 1721. Main Applications: Tire tread. Information provided by Polimeri Europa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polimeri-Europa-Intol-1739-Emulsion-Styrene-Butadiene-Rubber.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.75 %	<= 0.75 %	ASTM D5668
Mooney Viscosity	52 @Temperature 100 °C	52 @Temperature 212 °F	ASTM D1646
Ash	<= 0.50 %	<= 0.50 %	ASTM D5667

Chemical Properties	Metric	English	Comments
Styrene Content	40 %	40 %	Bound; ASTM D5775

Descriptive Properties	Value	Comments
Oil Content (phr)	37.5	ASTM D5774
Organic Acid	5% wt	ASTM D5774
Soap	< 0.5% wt	

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