Europrene® 1783

Emulsion Styrene Butadiene Rubber

Versalis S.p.A.

Message:

Europrene® 1783 is an emulsion styrene-butadiene rubber obtained by cold polymerisation using a mixture of rosin acid and fatty acid soaps as emulsifiers.

It is made at the Ravenna production facility in Italy.

It is a medium bound styrene copolymer extended with RAE oil.

A non-staining antioxidant is added during the production process.

Key Features

E-SBR is a general purpose rubber characterised by good processability, mechanical properties and abrasion resistance.

It has a limited resistance to oil and weather but properly compounded, it is suitable for use in outdoor applications.

Europrene® 1783 is the RAE oil extended alternative to Europrene® 1712.

Main Applications

Tyre manufacturing and retreading, conveyor belts, hoses and other mechanical goods.

General Information								
Additive	Antioxidant							
Features	Antioxidant Copolymer General Purpose							
					Good Abrasion Resistance			
					Good Processability			
	Uses	Belts/Belt Repair						
Conveyor Parts								
General Purpose								
Hose								
Tire Repair								
Forms	Bale							
Physical	Nominal Value	Unit	Test Method					
Mooney Viscosity (ML 1+4, 100°C)	51	MU	ASTM D1646					
Bound Styrene	23.5	%	ASTM D5775					

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Oil Type (TRAE Oil)	37.5	phr	ASTM D5774
Ash Content	< 0.5	wt%	ASTM D5667
Organic Acid	5.0	wt%	ASTM D5774
Soap	< 0.3	wt%	ASTM D5774
Volatile Matter	< 0.75	wt%	ASTM D5668

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