Europrene® 1732

Emulsion Styrene Butadiene Rubber

Versalis S.p.A.

Message:

Europrene® 1732 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 high bound styrene copolymer extended with MES 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.
Due to its composition and different oil, Europrene ® 1732 shows higher flowability, slight lower mechanical properties and improved rolling resistance performance compared 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)	49	MU	ASTM D1646
Bound Styrene	32.0	%	ASTM D5775
Oil Type (MES Oil)	32.5	phr	ASTM D5774
Ash Content	< 0.5	wt%	ASTM D5667
Organic Acid	5.0	wt%	ASTM D5774
Soap	< 0.5	wt%	ASTM D5774
Volatile Matter	< 0.75	wt%	ASTM D5668

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