

Europrene® 1739

Emulsion Styrene Butadiene Rubber

Versalis S.p.A.

Message:

Europrene® 1739 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 TDAE 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® 1739 is the TDAE oil extended alternative to Europrene ® 1721.

Due to the plasticizing influence of the safe oil, Europrene ® 1739 shows a better processing behaviour, an improved abrasion resistance and a slight decrease in wet grip compared to Europrene® 1721.

Main Applications

Tyre tread.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	General Purpose		
	Good Abrasion Resistance		
	Good Processability		
Uses	General Purpose		
	Tire Repair		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	52	MU	ASTM D1646
Bound Styrene	40.0	%	ASTM D5775
Oil Type (TDAE Oil)	37.5	phr	ASTM D5774
Ash Content	< 0.5	wt%	ASTM D5667
Organic Acid	5.0	wt%	ASTM D5774
Soap	< 0.4	wt%	ASTM D5774
Volatile Matter	< 0.75	wt%	ASTM D5668

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