

Europrene® SOL R 72612

Solution Styrene Butadiene Rubber

Versalis S.p.A.

Message:

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 at the Grangemouth production facility in Scotland, UK.

Key Features

Europrene® SOL R 72612 has a microstructure and a 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 tyre application where good low temperature properties are required compared to the aromatic oil based grades.

Main Applications

Silica - based compounds for low rolling resistance tyre treads, winter tyre treads.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Low Temperature Resistant		
	Random Copolymer		
Uses	Compounding		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	48	MU	ASTM D1646
Bound Styrene	25.0	%	ASTM D5775
Oil Type (MES Oil)	36.8	phr	ASTM D5774
Ash Content	< 0.2	wt%	ASTM D5667
Vinyl Content ¹	67.0	wt%	Internal Method
Volatile Matter	< 0.75	wt%	ASTM D5668
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-31.0	°C	Internal Method
NOTE			

1. Referred to butadiene portion

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

