

Europrene® SOL R C2564-T

Solution Styrene Butadiene Rubber

Versalis S.p.A.

Message:

Europrene® SOL R C2564-T is a solution polymerized, oil extended styrene-butadiene random copolymer.

The polymer is extended with TDAE oil and contains a non-staining antioxidant.

It is produced by continuous polymerization process at the Grangemouth production facility in Scotland, UK.

Key Features

Europrene® SOL R C2564-T has microstructure, molecular weight distribution and branching designed to give good processability with a good balance of dynamic properties.

Europrene® SOL R C2564-T is the TDAE oil extended alternative to Europrene® SOL R 2564-A.

The more plastifying capability of TDAE oil extension combines a certain advantage in processability with an hysteretical gain mainly perceptible in rolling resistance improvement.

Main Applications

Silica black based compounds for low rolling resistance tyre treads with improved wet grip; mechanical goods.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Processability		
	Random Copolymer		
Uses	Compounding		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	50	MU	ASTM D1646
Bound Styrene	25.0	%	ASTM D5775
Oil Type (TDAE Oil)	37.5	phr	ASTM D5774
Ash Content	< 0.2	wt%	ASTM D5667
Vinyl Content ¹	64.0	wt%	Internal Method
Volatile Matter	< 0.75	wt%	ASTM D5668
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-30.0	°C	Internal Method
NOTE			
1.	Referred to butadiene portion		

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