



versalis

Technical Data Sheet

EUROPRENE[®] S-SBR

SOL R X⁽¹⁾ 71420

Styrene - Butadiene Copolymer
functionalized for carbon black
(1) Experimental Grade

Europrene[®] SOL R X 71420 is a solution polymerized, dry styrene-butadiene random copolymer.
A non-staining antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	58
Bound Styrene	Internal Method	% wt	15
Vinyl content	Internal Method	% wt	48 ⁽¹⁾
Volatile Matter	ASTM D 5668	% wt	0.75 max
Tg	Internal Method	°C	-50

⁽¹⁾ Referred to butadiene portion

Key Features

Europrene[®] SOL R X 71420 is designed to provide good low temperature properties. Its micro- and macrostructure make it suitable for low glass transition temperature compounds with good mechanical properties.

Main Applications

Tyre treads compounds with low rolling resistance. It is suitable for medium-heavy commercial vehicles tyre treads compounds.

Physical Form

Clear bales wrapped in easily dispersible polyethylene film.

Packaging

Returnable metal crate, nominal net weight 990 kg; 33 kg bale, 30 bales per crate (1465 x 1150 x H1123 mm).
On request available in wooden crate: nominal net weight 990 kg; 33 kg bale, 30 bales per crate (1490 x 1150 x H975 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.
Shelf life: 12 months minimum.

