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## Technical Data Sheet

[info.elastomers@versalis.eni.com](mailto:info.elastomers@versalis.eni.com)

# EUOPRENE® S-SBR

# SOL R C2525

Styrene - Butadiene Copolymer

Euoprene® SOL R C2525 is a solution polymerized, dry styrene-butadiene random copolymer and contains a non-staining antioxidant.

| Main Properties                 | Test Method     | Unit | Typical Value     |
|---------------------------------|-----------------|------|-------------------|
| Mooney Viscosity ML 1+4(100 °C) | ASTM D 1646     | MU   | 54                |
| Bound Styrene                   | Internal Method | % wt | 26                |
| Vinyl content                   | Internal Method | % wt | 24 <sup>(1)</sup> |
| Volatile matter                 | ASTM D 5668     | % wt | 0.75 max          |
| Tg                              | Internal Method | °C   | -50               |

<sup>(1)</sup> Referred to butadiene portion

### Key Features

Euoprene® SOL R C2525 is a possible replacement for Euoprene SBR (ESBR) dry grades; thanks to its controlled micro- and macrostructure it exhibits better dimensional stability and compression set behaviour in compounds. It is suitable for applications where absence of blooming is requested. Its low Tg makes it suitable for low RR, winter and all season tyre tread application.

### Main Applications

Low rolling resistance and improved grip tyre treads compounds; high quality technical rubber goods and footwear applications. It is suitable for the manufacturing of items intended to come into contact with foodstuffs, complying by composition with the prescription set by regulations currently in force in Germany (BfR empf. XXI), USA (FDA US-CFR 21. section 177.2600) and European Union (Commission Regulation n.10/2011).

### 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: 18 months minimum.

Please consult the relevant safety data sheet for more detailed information.

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