

Europrene® SOL T 6320

Styrene Butadiene Styrene Block Copolymer

Versalis S.p.A.

Message:

Europrene® SOL T 6320 is a linear block copolymer obtained by anionic polymerisation. The polymer is based on styrene and butadiene, where bound styrene is 31 % wt and diblock content is 75 %. A non-staining antioxidant system is added during the production process.

Key Features

Europrene® SOL T 6320 is a linear block copolymer, characterised by excellent dispersability and extremely easy processability.

Main Applications

Designed for bitumen modification, where high compatibility and easy dispersability are requested, Europrene® SOL T 6320 provides very low viscosity to bituminous binders. The high diblock content also assures excellent performance in adhesive applications, including bituminous self adhesive membranes. Characterized by the excellent processability, SOL T 6320 can be used in polymer modification and plastic recycling.

| General Information | | | |
|---|-----------------------|-------------------|-----------------|
| Additive | Antioxidant | | |
| Features | Antioxidant | | |
| | Block Copolymer | | |
| | Dispersible | | |
| | Good Adhesion | | |
| | Good Processability | | |
| Uses | Low Viscosity | | |
| | Adhesives | | |
| | Asphalt Modification | | |
| | Membranes | | |
| Forms | Plastics Modification | | |
| | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.940 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (190°C/5.0 kg) | 11 | g/10 min | ASTM D1238 |
| Bound Styrene | 31.0 | % | Internal Method |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 64 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress (300% Strain) | 3.00 | MPa | ASTM D412 |
| Tensile Strength | 6.00 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 1200 | % | ASTM D412 |
| Fill Analysis | Nominal Value | Unit | Test Method |
| Brookfield Viscosity - Toluene sol., 25% wt | 600 | mPa · s | ASTM D1084 |
| Diblock Content | 75.0 | wt% | |
| Shelf Life | 18 | month | |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

