

## Polimeri Europa Europrene® SOL T 6205 Styrene - Butadiene Block Copolymer

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene/Butadiene/Styrene (SBS)

### Material Notes:

Europrene® SOL T 6205 is a radial block copolymer obtained by anionic polymerization. The polymer is based on styrene and butadiene, where bound styrene is 25% weight and diblock content is 15%. A non-staining antioxidant system is added during the production process. Key Features: Europrene® SOL T 6205 is a block copolymer with radial structure and low styrene content. The grade provides easy processability and excellent mechanical properties and elasticity. Main Applications: Europrene® SOL T 6205 is designed for the modification of bitumen in road paving applications. The easy processability and the excellent compatibility with bitumen, greatly improve the binder's performance, particularly at low service temperatures. Information provided by Polimeri Europa. Mechanical properties measured on ASTM D 4703 compression molded samples.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polimeri-Europa-Europrene-SOL-T-6205-Styrene-Butadiene-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Polimeri-Europa-Europrene-SOL-T-6205-Styrene-Butadiene-Block-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D792
Brookfield Viscosity	0.77 cP	0.77 cP	Toluene sol., 25% wt; ASTM D1084
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 190 °C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	ASTM D2240
Tensile Strength at Break	4.00 MPa	580 psi	ASTM D412
Elongation at Break	440 %	440 %	ASTM D412

## Contact Songhan Plastic Technology Co.,Ltd.

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