

Sibur DST-30R-01 2nd Group Styrene-Butadiene-Styrene Block Copolymer (SBS-TPE)

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

Material Notes:

Kraton D 1184, 1186. As modifiers for bitumen for production of roofing materials, footwear compositions, adhesives, and coverings, as well as for modification of plastics. Addition of thermal elastic plastic in bitumen compositions considerably improves frost resistance of roofing materials and coverings, increases shock resistance of plastics, and provides high quality of soles for winter footwear.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sibur-DST-30R-01-2nd-Group-Styrene-Butadiene-Styrene-Block-Copolymer-SBS-TPE.php

| Physical Properties | Metric | English | Comments |
|----------------------|---|--|-------------------------|
| Brookfield Viscosity | 400 - 6000 cP @Temperature 25.0 Â°C | 400 - 6000 cP @Temperature 77.0 Â°F | 25% solution in Toluene |
| Ash | <= 5.0 % | <= 5.0 % | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-------------|-------------|----------|
| Hardness, Shore A | >= 60 | >= 60 | |
| Tensile Strength at Break | >= 17.6 MPa | >= 2550 psi | |
| Elongation at Break | >= 650 % | >= 650 % | |

| Descriptive Properties | Value | Comments |
|------------------------|----------|----------|
| Loss During Drying | <0.5% | |
| Mass Share Adigol-2 | 0.5-1% | |
| Mass Share Agidol-1 | 0.2-0.5% | |
| Mass Share of VS-36 | 0.5-1% | |

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