

## Kraton® D4274B (O/E SBS) Branched Block Copolymer

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

### Material Notes:

Description: Kraton® D4274B is an oiled, branched copolymer based on styrene and butadiene with bound styrene in the neat polymer of 49% mass. It is supplied from South America in the physical form identified: D4274BT supplied as a dusted pelletD4274BS supplied as a dusted pelletRegion: South America, Europe, Asia Pacific, North America, and Japan Uses: Kraton D4274B is used for formulating compound for footwear and general purpose applicationsApplications: Compounding and Personal Hygiene; Footwear; Adhesives, Sealant and Coatings; Bitumen Modification; Impact Modification; and Roads and RoofingInformation provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D4274B-OE-SBS-Branched-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D4274B-OE-SBS-Branched-Block-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 2781
Bulk Density	0.400 g/cc	0.0145 lb/in <sup>3</sup>	ASTM D 1895 method B
Volatiles	<= 0.70 %	<= 0.70 %	KM 04
Brookfield Viscosity	14 - 26 cP	14 - 26 cP	25% Toluene Solution at 25°C; KM 05
Melt Flow	20 g/10 min @Load 5.00 kg, Temperature 200 °C	20 g/10 min @Load 11.0 lb, Temperature 392 °F	ISO 1133
Ash	<= 0.50 %	<= 0.50 %	Product form "S" or "T"; ISO 247-B

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83 @Time 15.0 sec	83 @Time 0.00417 hour	Measured on films cast from a solution in toluene; ISO 868
Tensile Strength	14.0 MPa	2030 psi	Measured on compression molded slabs; ISO 37
Elongation at Break	890 %	890 %	Measured on polymer compression molded at 300°F; ISO 37
300% Modulus	0.00410 GPa	0.595 ksi	Measured on compression molded slabs; ISO 37
Abrasion	175	175	[cubic mm]; DIN 53516

Descriptive Properties	Value	Comments
Content	Antioxidant	>0.25%, KM 08
	Bound Styrene	47-51%, KM 03

Descriptive Properties	Value	Comments
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**Contact Songhan Plastic Technology Co.,Ltd.**

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