

## Kraton® D4433 P (SIS) Linear Block Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

Description: Kraton D4433 P is an oiled, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 22%. It is supplied from North America in the physical form identified: Kraton D4433 PT - supplied as a dusted dense pellet Region: Asia Pacific, Europe, Japan, North America, and South America Uses: Kraton D4433 P is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen and polymers. Applications: Adhesives, Sealant and Coatings; and Compounding and Personal Hygiene

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D4433-P-SIS-Linear-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D4433-P-SIS-Linear-Block-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D4025
Volatiles	<= 0.70 %	<= 0.70 %	KM 04
Brookfield Viscosity	380 cP @Temperature 25.0 Â°C	380 cP @Temperature 77.0 Â°F	25% Toluene solution; BAM 922
Melt Flow	25 g/10 min @Load 5.00 kg, Temperature 200 Â°C	25 g/10 min @Load 11.0 lb, Temperature 392 Â°F	
Ash	0.30 - 0.40 %	0.30 - 0.40 %	BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	29	29	10 seconds. Typical values on polymer compression molded at 150Â°C (300Â°F).; ASTM 2240
Tensile Strength, Ultimate	6.205 MPa	900.0 psi	Typical properties based on film cast from toluene solution.; ASTM D412
Elongation at Break	1450 %	1450 %	Typical properties based on film cast from toluene solution.; ASTM D412
300% Modulus	0.00103 GPa	0.149 ksi	Typical properties based on film cast from toluene solution.; ASTM D412

Chemical Properties	Metric	English	Comments
Diblock Content	20 %	20 %	

Descriptive Properties	Value	Comments
Content	Antioxidant	0.06-0.2%, KM 08

Descriptive Properties	Value	Comments
	Polystyrene	20-24%, KM 03
Styrene / Rubber ratio	22/78	

## Contact Songhan Plastic Technology Co.,Ltd.

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