

## Kraton® D1164 P (SIS) Linear Triblock Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE

### Material Notes:

Description: Kraton D1164 P is a clear, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 29%. It is supplied from North America in the physical form identified: Kraton D1164 PT - supplied as a dusted dense pellet  
Region: Asia Pacific, Europe, Japan, North America, and South America  
Uses: Kraton D1164 P is used in compound formulations and as a modifier of thermoplastics. It may also find use in formulating adhesives, sealants, coatings and modified bitumens.  
Applications: Adhesives, Sealant and Coatings; Compounding and Personal Hygiene; Impact Modification; Footwear; and Bitumen Modification  
Note 1) Primary antioxidant is a non-staining, phenolic antioxidant. The antioxidant package also contains a non-TNPP secondary antioxidant at a target level of 0.2%  
Information provided by Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D1164-P-SIS-Linear-Triblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D1164-P-SIS-Linear-Triblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Volatiles	<= 0.50 %	<= 0.50 %	KM 04
Viscosity	200 - 400 cP	200 - 400 cP	25% Toluene Solution at 25°C; BAM 922
Melt Flow	8.0 - 15 g/10 min @Load 5.00 kg, Temperature 200 °C	8.0 - 15 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238
Ash	0.15 - 0.40 %	0.15 - 0.40 %	Talc; BAM 908

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53 @Time 10.0 sec	53 @Time 0.00278 hour	ASTM D2240
Tensile Strength	27.58 MPa	4000 psi	BAM 1245
Elongation at Break	1000 %	1000 %	BAM 1245
300% Modulus	0.00307 GPa	0.445 ksi	BAM 1245

Descriptive Properties	Value	Comments
Content	Antioxidant	0.08-0.3%, See note 1), KM 08
	Polystyrene	27.5-30.5%, KM 03
	Total Extractables	<1.0%, KM 05
Styrene/Rubber Ratio	29/71	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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