

## Kraton® D0243 E (SBS) Diblock Copolymer

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

### Material Notes:

**Description:** Kraton D0243 E polymer is a clear, diblock copolymer based on styrene and butadiene with bound styrene of 31% mass. It is supplied from Europe in the physical form identified:Kraton D0243 ET - supplied as a porous pellet dusted with talc  
**Region:** Asia Pacific, Europe, Japan, North America and South America  
**Uses:** Kraton D0243 E is used as a modifier of bitumen or thermoplastics and in compound formulations. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants and coatings  
**Applications:** Adhesives, Sealant and Coatings; Bitumen Modification; Compounding and Personal Hygiene; Footwear; Impact Modification; Medical; Packaging and Polymod; Personal Care; and Roads and Roofing.  
**Information provided by** Kraton®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kraton-D0243-E-SBS-Diblock-Copolymer.php](http://www.lookpolymers.com/polymer_Kraton-D0243-E-SBS-Diblock-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 2781
Volatiles	<= 0.30 %	<= 0.30 %	KM 04
Ash	0.20 - 0.50 %	0.20 - 0.50 %	ET; ISO 247

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	Estimated value; ISO 868
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength	2.00 MPa	290 psi	Estimated value; ISO 37
300% Modulus	0.00100 GPa	0.145 ksi	Estimated value; ISO 37

Chemical Properties	Metric	English	Comments
Diblock Content	75 %	75 %	

Descriptive Properties	Value	Comments
Content	Non-staining phenolic antioxidant	0.35-0.48%, KM 08
	Polystyrene	30-34%, KM 03
	Total Extractables	<1.0%, KM 05
	Vinyl	35%, KM03

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