

KRATON® D0243 B

Styrene Butadiene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D0243 B is a clear, diblock copolymer based on styrene and butadiene with a polystyrene content of 33%. It is supplied from South America in the physical form identified below.

Kraton D0243 BT - supplied as a porous pellet dusted with talc

Kraton D0243 B is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
Uses	Adhesives		
	Asphalt Modification		
	Coating Applications		
	Compounding		
	Sealants		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Coating		
	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D4025
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	20	g/10 min	ASTM D1238
Antioxidant Additive ¹	0.35 to 0.48	%	Internal Method
Ash Content - T, Talc	0.35 to 0.75	%	Internal Method
Polystyrene Content	31 to 35	%	Internal Method
Solution Viscosity - (Toluene) 25%wt (25°C)	170 to 430	mPa · s	Internal Method
Total Extractables	< 1.0	%	Internal Method
Volatile Matter	< 1.0	%	Internal Method
Diblock Content	75.0		
Styrene/Rubber ratio	33/67		
Vinyl Polybutadiene Content - Null	35	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, Compression Molded)	70		ASTM D2240

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (300% Strain)	1.03	MPa	ASTM D412
Tensile Strength ³ (Yield)	1.72	MPa	ASTM D412

NOTE

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| 1. | Non-staining phenolic antioxidant |
| 2. | Typical properties determined on film cast from toluene solution |
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