

KRATON® D1119 B

Styrene Isoprene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D1119 B is a clear, linear triblock copolymer based on styrene and isoprene with a polystyrene content of 22%. It is supplied from South America in the physical form identified below.

Kraton D1119 BT - supplied as a porous pellet dusted with talc

Kraton D1119 B is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen and polymers.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
Uses	Adhesives		
	Asphalt Modification		
	Coating Applications		
	Plastics Modification		
	Sealants		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	ISO 2781
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	25	g/10 min	ASTM D1238
Antioxidant Additive	0.10 to 0.20	%	Internal Method
Ash Content - Product form "T"	0.40 to 0.80	%	ISO 247
Extractables	< 1.0	%	Internal Method
Polystyrene Content	21 to 24	%	Internal Method
Volatile Matter	< 0.50	%	Internal Method
Diblock Content	66.0		
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 30 sec, Compression Molded)	30		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (300% Strain)	1.10	MPa	ISO 37
Tensile Stress ² (Yield)	2.40	MPa	ISO 37
Tensile Elongation ³ (Break)	1000	%	ISO 37
NOTE			
1.	Measured on films cast from a solution in toluene		

2.	Measured on films cast from a solution in toluene
3.	Measured on films cast from a solution in toluene

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

