

KRATON® D1119 P

Styrene Isoprene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D1119 P is a clear, 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 below.

Kraton D1119 PT - supplied as a dusted dense pellet

Kraton D1119 PSM - supplied as a powder dusted with silica

Kraton D1119 P is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Copolymer
Uses	Adhesives
	Asphalt Modification
	Coating Applications
	Compounding
	Plastics Modification
	Sealants
Appearance	Clear/Transparent
Forms	Pellets
	Powder
Processing Method	Coating
	Compression Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	ASTM D4025
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	25	g/10 min	
Antioxidant Additive	0.080 to 0.30	%	Internal Method
Ash Content			
PSM	2.5 to 5.0	%	ISO 247
T, Talc	0.30 to 0.40	%	Internal Method
Polystyrene Content	21 to 24	%	Internal Method
Total Extractables	< 1.0	%	Internal Method
Volatile Matter	< 0.50	%	Internal Method
Diblock Content	66.0		
Styrene/Rubber ratio	22/78		

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	30		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	1.10	MPa	ASTM D412
Tensile Strength (Yield)	2.41	MPa	ASTM D412
Tensile Elongation (Break)	1000	%	ASTM D412

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