

# KRATON® D1193 P

Styrene Isoprene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton D1193 P is a clear, linear triblock copolymer based on styrene and isoprene, with a polystyrene content of 24%. It is supplied from North America in the physical form identified below.

Kraton D1193 P - supplied as a dusted dense pellet

Kraton D1193 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		
	Coating Applications		
	Compounding		
	Plastics Modification		
	Sealants		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Coating		
	Compression Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm <sup>3</sup>	ASTM D4025
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	14	g/10 min	
Antioxidant Additive	0.080 to 0.30	%	Internal Method
Ash Content - T, Talc	0.15 to 0.35	%	Internal Method
Polystyrene Content	23 to 26	%	Internal Method
Solution Viscosity - Toluene, 25%wt (25°C)	400	mPa · s	Internal Method
Total Extractables	< 1.2	%	Internal Method
Volatile Matter	< 0.30	%	Internal Method
Diblock Content	20.0		
Styrene/Rubber ratio	24/76		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	53		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	2.55	MPa	ASTM D412

Tensile Strength (Yield)	17.9	MPa	ASTM D412
Tensile Elongation (Break)	1200	%	ASTM D412

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