KRATON® D1161 K

Styrene Isoprene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D1161 K is a clear, linear triblock copolymer based on styrene and isoprene, with a polystyrene content of 15%. It is supplied from North America in the physical form identified below.

Kraton D1161 KT - supplied as a dusted porous pellet

Kraton D1161 KU - supplied as an undusted porous pellet

Kraton D1161 K 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.

Antioxidant Copolymer Sealures Aldhesives Asphalt Modification Coating Applications Plastics Modification Sealants Appearance Clear/Transparent Corms Pellets Physical Nominal Value Unit Test Method Specific Gravity 0,920 g/cm³ ASTM D4025 Melt Mass-Flow Rate (MFR) (200°C/5.0 kg) 12 g/cmin Sound Styrene 14.0 to 17.0 15.0 internal Method Antioxidant Additive 0,080 to 0,30 16.1 internal Method Antioxidant Additive 0,080 to 0,30 16.1 internal Method Antioxidant Additive 0,080 to 0,30 17.0 internal Method Antioxidant Additive 0,080 to 0,30 18.0 internal Method Antioxidant Additive 0,080 to 0,30 18.0 internal Method Antioxidant Additive 0,080 to 0,30 18.0 internal Method Official Extractables 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0	General Information			
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Tensile Stress ² (300% Strain) 0.689 MPa ASTM D412 Tensile Strength ³ (Yield) 21.4 MPa ASTM D412	Durometer Hardness (Shore A, 10 sec, Compression Molded)	32		ASTM D2240
Tensile Strength ³ (Yield) 21.4 MPa ASTM D412	Elastomers	Nominal Value	Unit	Test Method
	Tensile Stress ² (300% Strain)	0.689	MPa	ASTM D412
rensile Elongation ⁴ (Break) 1300 % ASTM D412	Tensile Strength ³ (Yield)	21.4	MPa	ASTM D412
	Tensile Elongation ⁴ (Break)	1300	%	ASTM D412

NOTE	
1.	25% in toluene solution
	Typical properties determined on
2.	film cast from toluene solution.
	Typical properties determined on
3.	film cast from toluene solution.
	Typical properties determined on
4.	film cast from toluene solution.

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