

# KRATON® D1126 P

Styrene Isoprene Styrene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton D1126 P is a clear, radial copolymer based on styrene and isoprene, with a polystyrene content of 21%. In addition, it has a diblock content of 30% and high melt flow. It is supplied from North America in the physical form identified below.

Kraton D1126 PT - supplied as a dusted dense pellet

Kraton D1126 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
	High Flow
Uses	Adhesives
	Coating Applications
	Compounding
	Plastics Modification
	Sealants
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Coating
	Compression Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	22	g/10 min	
Antioxidant Additive <sup>1</sup>	0.15 to 0.30	%	Internal Method
Ash Content - T, Talc	0.20 to 0.40	%	Internal Method
Polystyrene Content	20 to 23	%	Internal Method
Solution Viscosity - Toluene, 25%wt (25°C)	420	mPa · s	Internal Method
Total Extractables	< 1.0	%	Internal Method
Volatile Matter	< 0.50	%	Internal Method
Diblock Content	30.0		
Styrene/Rubber ratio	21/79		

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec, Compression Molded)	39		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	2.48	MPa	ASTM D412

Tensile Strength (Yield)	7.72	MPa	ASTM D412
Tensile Elongation (Break)	1400	%	ASTM D412

NOTE

1. Non-staining phenolic antioxidant.

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Recommended distributors for this material

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

