

KRATON® D1155 E

Styrene Butadiene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D1155 E is a clear linear block copolymer based on styrene and butadiene, with bound styrene of 40% mass. It is supplied from Europe in the physical form identified below.

Kraton D1155 ES - supplied as porous pellets dusted with amorphous silica

Kraton D1155 E is used in the modification of polymers and in compounds for technical and footwear applications. It is also used in formulating adhesives, sealants and coatings and as a modifier for bitumen.

General Information			
Additive	Antioxidant (1500 ppm)		
Features	Block Copolymer		
Uses	Adhesives		
	Asphalt Modification		
	Coating Applications		
	Footwear		
	Sealants		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.0 to 15	g/10 min	ASTM D1238
Solution Viscosity ¹	700	mPa · s	Internal Method
Bound Styrene	37.0 to 43.0	%	Internal Method
Antioxidant Additive ²	> 0.15	%	Internal Method
Volatile Matter	0.10	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	74		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 37
Tensile Elongation (Break)	800	%	ISO 37
NOTE			
1.	Measured on 25% mass solution in toluene at 25°C using a Brookfield viscometer, LTF or LTV model		
2.	Primary phenolic antioxidant		

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