

# KRATON® D1116 E

Styrene Butadiene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D1116 E is a clear, radial triblock copolymer based on styrene and butadiene with a polystyrene content of 23%. It is supplied from Europe in the physical form identified below.

Kraton D1116 ES - supplied as porous pellets dusted with an amorphous silica

Kraton D1116 ESM - supplied as powder dusted with an amorphous silica

Kraton D1116 E is used as a modifier of bitumen and polymers. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants, and coatings.

General Information	
Additive	Antioxidant
Features	Antioxidant
	Block Copolymer
Uses	Adhesives
	Asphalt Modification
	Coating Applications
	Compounding
	Footwear
	Plastics Modification
	Sealants
Appearance	Clear/Transparent
Forms	Pellets
	Powder

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm <sup>3</sup>	ISO 2781
Solution Viscosity <sup>1</sup>	2000 to 3000	mPa · s	Internal Method
Bound Styrene	21.5 to 24.1	%	Internal Method
Antioxidant Additive	> 0.14	%	
Ash Content - ES	< 0.35	%	ISO 247
Total Extractables	< 1.0	%	Internal Method
Volatile Matter	< 0.30	%	Internal Method

NOTE	
1.	20.0%w Toluene, 25°C

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