## KRATON® D1189 E

## Styrene Butadiene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton D1189 E is a clear, radial block copolymer based on styrene and butadiene with bound styrene of 32% mass. It is supplied from Europe in the physical forms indicated in the grade nomenclature below.

Kraton D1189 ES - supplied as porous pellets dusted with an amorphous silica

Kraton D1189 ESM - supplied as powder dusted with an amorphous silica

Kraton D1189 E is used as a modifier of bitumen or thermoplastics and in compound formulations. 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		
	Footwear		
	Plastics Modification		
	Sealants		
Appearance	Clear/Transparent		
Forms	Pellets		
	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm³	ISO 2781
Apparent Density	0.40	g/cm³	ASTM D1895B
Antioxidant Additive	0.14	%	Internal Method
Ash Content			ISO 247
<sup>1</sup>	2.5 to 5.0	%	
Product form "ES"	0.150 to 0.400		
Extractables	< 1.0	%	Internal Method
Polystyrene Content	31 to 33	%	Internal Method
Volatile Matter	< 0.30	%	Internal Method
NOTE			
1.	Product form "ESM"		

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