

KRATON® D1192 A

Styrene Butadiene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton D1192 A is a clear linear block copolymer based on styrene and butadiene with bound styrene of 30% mass. It is supplied from Europe in the physical forms described below:

Kraton D1192 AT - supplied as porous pellets dusted with talc

Kraton D1192 AS - supplied as porous pellets dusted with amorphous silica

Kraton D1192 ASM - supplied as powder dusted with amorphous silica

Kraton D1192 ATM - supplied as powder dusted with talc for the North American market

Kraton D1192 A is used for modification of industrial and paving bitumen. It may also be suitable for use in formulating adhesives, sealants and coatings, and in the modification of polymers.

General Information			
Additive	Antioxidant (1600 ppm)		
Features	Copolymer		
Uses	Adhesives		
	Coating Applications		
	Sealants		
Appearance	Clear/Transparent		
Forms	Pellets		
	Powder		

Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ISO 2781
Apparent Density	0.40	g/cm ³	ASTM D1895B
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	< 1.0	g/10 min	ISO 1133
Bound Styrene	28.5 to 32.5	%	Internal Method
Antioxidant Additive	> 0.2	wt%	Internal Method
Ash Content			
AS, AT	0.10 to 0.40	%	ISO 247
ASM	2.5 to 5.0	wt%	ISO 247
ATM ¹	4.0 to 6.0	%	
Extractables	< 1.0	%	Internal Method
Vinyl Content	> 35	%	Internal Method
Volatile Matter	< 0.30	%	Internal Method
Apparent Molecular Mass of Triblock	138000 to 162000	g/mol	Internal Method
Triblock Content	> 90	%	Internal Method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, Compression Molded)	70		ASTM D2240

NOTE			
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