

KRATON® RP6936

Styrene Ethylene Butylene Styrene Block Copolymer

Kraton Polymers LLC

Message:

Kraton RP6936 is a linear triblock copolymer based on styrene and ethylene/butylene. It is manufactured in North America and has the following characteristics:
Kraton RP6936 supplied as a powder.
Kraton RP6936 is used in compound formulations and as a modifier of thermoplastics. It may also find use in formulating adhesives, sealants, coatings and modified bitumens.

General Information			
Additive	Antioxidant		
Uses	Adhesives		
	Asphalt Modification		
	Coating Applications		
	Sealants		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	7.0	g/10 min	ASTM D1238
Bound Styrene ¹	42.0	%	
Antioxidant Additive ²	0.1	wt%	
Polystyrene Content ³	37.0 to 44.0	wt%	
Total Extractables ⁴	< 1.6	wt%	
Volatiles ⁵	< 1.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	65		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ⁶ (300% Strain)	6.45	MPa	Internal Method
Tensile Strength (Yield)	> 34.5	MPa	ASTM D412
Tensile Elongation ⁷ (Break)	660	%	Internal Method
NOTE			
1.	Anal. HNMR		
2.	BAM 929		
3.	BAM 919		
4.	BAM 1206		
5.	BAM 907		
6.	BAM 1245		
7.	BAM 1245		

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