



K744
North America
2/8/2024

KRATON™ G1657 M

Data Document

Identifier : K744DDa24NA

Description

Kraton G1657 M is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 13% . It is supplied from North America in the physical form identified below.

- Kraton G1657 MS - supplied as a dusted pellet

Kraton G1657 M is used as a modifier of bitumen or thermoplastics and in compound formulations. It may also find use as an ingredient in formulating adhesives, sealants and coatings.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	12.3 TO 14.3	b
Antioxidant	KM 08	%m	0.03 TO 0.10	a
Volatile Matter	KM 04	%m	≤ 1.0	
Total Extractables	KM 05	%m	≤ 1.5	
Vis, Sol (Toluene) 20.0%w @25C	BAM 922	cP	1,200 TO 1,800	
Ash, S	BAM 908	%w	0.02 TO 0.12	

a Non-staining phenolic antioxidant.
b Measured on the polymer before hydrogenation.

Typical Properties (These are typical values and may not routinely be measured on finished product)

Property	Test Method	Units	Typical Value	Notes
Tensile strength	ASTM D-412	psi	3400	a
Melt index 230°C, 5kg	n/a	gms/10 min.	22	
300% Modulus	ASTM D-412	psi	350	a
Hardness	ASTM 2240	Shore A (10s)	47	b
Elongation at break	ASTM D-412	%	750	a
Diblock content	n/a		30	
Styrene / Rubber ratio	n/a		13/87	
Specific Gravity	ASTM D 792		0.90	

a Typical properties determined on film cast from toluene solution.
b Typical values on polymer compression molded at 300F.

Packaging

Kraton's products are available in a number of different package types. For information specific to this grade, please contact your local Kraton representative.

End Use Requirements

The end user of the product is solely responsible to comply with all regulatory and testing requirements applicable to the end use of the finished article incorporating the product.
Information regarding the regulatory status of the product is available from Kraton on request.

Safety and Handling Precautions

Read the GHS Data Sheet carefully and thoroughly before handling and using the product. If you are unable to locate the GHS Safety Data Sheet from www.kraton.com, please contact the Product Safety support team at product.safety@kraton.com.

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