



K734
North America
7/5/2023

KRATON™ G1726 M

Data Document

Identifier : K734DDa23U

Description

Kraton G1726 M is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 30%. It is supplied from North America in the physical form identified below.

- Kraton G1726 MS - is supplied as a dusted, dense pellet.

Kraton G1726 M 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.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	30.0 TO 32.0	b
Melt Flow, 190C/2160g	ASTM D1238	g/10 min	15.0 TO 23.0	
Volatile Matter	KM 04	%m	<= 1.0	
Ash, S	BAM 908	%w	0.01 TO 0.20	e
Total Extractables	KM 05	%m	<= 1.0	
Antioxidant	KM 08	%m	0.03 TO 0.10	a
Vis, Sol (Toluene) 25.0%w @25C	BAM 922	cP	140 TO 220	

- a** Non-staining phenolic antioxidant.
- b** Measured on the polymer before hydrogenation.
- e** Dusted with silica

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

Property	Test Method	Units	Typical Value	Notes
Diblock content	n/a		70	
Elongation at break	ASTM D-412	%	200	d
Hardness	ASTM 2240	Shore A (10s)	60	c
Styrene / Rubber ratio	n/a		30/70	
Specific gravity	ASTM D4025	gm/cc	0.91	
Tensile strength	ASTM D-412	psi	350	d

- c** Typical values on polymer compression molded at 220C.
- d** Measured on films cast from a solution in toluene.

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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