KRATON

K0472
Europe
5/21/2024

KRATON™ MD6684 GS-N Polymer

Data Document

Identifier : K472DDg20E

Description

Kraton MD6684 GS-N is a clear linear triblock copolymer based on styrene and ethylene/butylene (S-E/B-S) with bound styrene of 32.9% mass and 1% maleic anhydride. It is supplied from Eruope as identified in the grade nomenclature below.
Kraton MD6684 GS-N is used as a modifier of polymers. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants and coatings.
Note: This Kraton polymer product is a development product. Thus, its properties and chemical composition may change based on market feedback. Kraton Polymers reserves the right to change specifications and/or discontinue production of the product.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Extract in Methanol	OTHR	%w	<= 0.20	
Volatile Matter, 3h/110Â°C		%w	<= 0.20	
Maleic anhydride, Bound	OTHR	%w	0.95 TO 1.15	

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

Property	Test Method	Units	Typical Value	Notes
Ash	ISO 247	%mass	1.0	a
Specific Gravity	ISO 2781		0.91	a
Polystyrene Content	KM03	%m	31.4	a
Hardness, Shore A	ISO 868	Shore A (10 sec)	55	b
Tensile Strength, TD	ISO 37	MPa	8	b
Tensile Strength, MD	ISO 37	MPa	6	b
Color, Yellowness Index	ASTM E313		20	c
Elongation at Break, MD	ISO 37	%	580	b
Melt Flow Rate, 230°C/5kg	ISO 1133	gms/10 min.	20	b

a Measured on the base polymer before functionalisation
b Measured on a test compound formulation (100phr polymer, 100phr oil and 40phr polypropylene)
c Measured on MD6684 GS

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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