KRATON

K0769
North America

KRATON™ G1643 M Polymer

Data Document

Identifier : K769DDa25NA

Description

Kraton G1643 M is a clear, linear triblock copolymer based on styrene and ethylene/butylene with a polystyrene content of 20%. It is supplied from North America in the physical form identified below.

- Kraton G1643 MS - is supplied as a dusted, dense pellet.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Melt Flow, 230C/2160g	ASTM D1238	g/10 min	14.0 TO 25.0	
Antioxidant	KM 08	%m	0.06 TO 0.14	b
Total Extractables	KM 05	%m	<= 1.0	
Polystyrene Content	KM 03	%m	16.6 TO 20.6	c
Ash, S	BAM 908	%w	0.02 TO 0.12	a
Volatile Matter	KM 04	%m	<= 1.0	

a Silica
b Non-staining phenolic antioxidant
c 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
Melt Index 230°C, 2.16 kg	ASTM D 1238	gms/10 min.	19	
Tensile Strength	ASTM D 412	psi	>1500	
Solution Viscosity	BAM 922	cps	210	c
Elongation at Break	ASTM D 412	%	>600	
Styrene / Rubber ratio	n/a		20/80	
Hardness, Shore A (30 sec)	ASTM D 2240	Hardness, Shore A (30 sec)	52	
Specific Gravity	ASTM D 792		0.90	

c 25%w toluene solution at 25 C