KRATON

K0629
Asia

KRATON™ G1643 V Polymer

Data Document

Identifier : K629DDb19A

Description

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

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

Kraton G1643 V is used in compound formulations and as a modifier of thermoplastics. It may also find use in formulating adhesives, sealants, coatings and modified bitumens.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Volatile Matter	KM 04	%m	<= 1.00	
Ash	AGAM 908	%w	0.02 TO 0.12	a
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

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
Styrene / Rubber ratio	n/a		20/80	
Hardness, Shore A (30 sec)	ASTM D 2240	Hardness, Shore A (30 sec)	52	
Melt Index 230Â°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	
Specific Gravity	ASTM D 792		0.90	

c 25%w toluene solution at 25 C

Packaging

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