



K0619
Europe

KRATON™ D1157 A Polymer

Data Document

Identifier : K619DDc17E

Description

Kraton D1157 A is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 29.5% mass. It is supplied from Europe in the physical form(s) identified below in the grade nomenclature:

- Kraton D1157 AT - supplied as a porous pellet dusted with talc

Kraton D1157 A 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	28.5 TO 30.5	
Melt Flow, 200C/5000g	ISO 1133	g/10 min	3.5 TO 6.5	
Vis, Sol (Toluene) 25.0%w @25C	KM 06	Pa.s	1.3 TO 1.9	
Total Extractables	KM 05	%m	<= 1.0	
Volatile Matter	KM 04	%m	<= 0.3	
Antioxidant Content	KM 08	%m	>= 0.15	
Ash (AT)	ISO 247	%m	0.15 TO 0.40	

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

Property	Test Method	Units	Typical Value	Notes
Hardness, Shore A (15 sec)	ASTM D 2240	Hardness, Shore A (15 sec)	70	b
Specific Gravity	ISO 2781		0.94	
300% Modulus	ISO 37	MPa	2.9	a
Tensile Strength	ISO 37	Mpa	28	a
Bulk Density	ASTM D 1895 method B	kg/dm3	0.4	
Elongation at Break	ISO 37	%	800	a

- a** Measured on films cast from a solution in toluene
- b** Measured on compression molded slabs

Packaging

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