

K0504
South America

KRATON® D1118 B Polymer

Data Document

Identifier : K504DDc15U

Description

Kraton D1118 B is a clear, linear triblock copolymer based on styrene and butadiene with a polystyrene content of 33%. It is supplied from South America in the physical form(s) identified below.

- Kraton D1118 BT - supplied as a porous pellet dusted with talc

Kraton D1118 B 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	31.0 TO 35.0	
Volatile Matter	KM 04	%m	≤ 1.0	
Total Extractables	KM 05	%m	≤ 1.0	
Solution Viscosity	KM 06	Pa.s	0.47 TO 0.79	a
Ash (BT)	ISO 247	%m	0.50 TO 0.75	b
Antioxidant Content	KM 08	%m	0.15 TO 0.40	c
a	25%w toluene solution at 25C			
b	Talc			
c	Non-staining phenolic antioxidant			

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

Property	Test Method	Units	Typical Value	Notes
Specific Gravity	ISO 2781		0.94	
Diblock Content	n/a		78	
Hardness, Shore A	ISO 868	Shore A (10 sec)	74	b
Melt Flow Rate, 200°C/5kg	ISO 1133	g/10min.	10	
Elongation at Break	ASTM D 412	%	600	c
Tensile Strength	ISO 37	Mpa	1.7	c
300% Modulus	ISO 37	MPa	1.2	c
b	Measured on polymer compression molded at 180°C			
c	Measured on films cast from a solution in toluene.			

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.

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