



K0430
South America

KRATON™ D1101 B Polymer

Data Document

Identifier : K430DDg17LA

Description

Kraton D1101 B is a clear, linear triblock copolymer based on styrene and butadiene with a polystyrene content of 31%. It is supplied from South America in the physical form(s) identified below.

- Kraton D1101 BT - supplied as a talcum dusted porous pellet
- Kraton D1101 BTM - supplied as a powder dusted with talcum
- Kraton D1101 BSM - supplied as a powder dusted with amorphous silica

Kraton D1101 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	30.0 TO 32.0	
Vis, Sol (Toluene) 25.0%w @25C	KM 06	Pa.s	3.0 TO 5.0	a
Total Extractables	KM 05	%m	<= 1.0	
Antioxidants Content	KM 08	%m	>= 0.1	
Volatile Matter	KM 04	%m	<= 0.3	
Ash (BT)	ISO 247	%m	0.20 TO 0.60	
Ash (BSM)	ISO 247	%m	2.0 TO 4.0	
Ash (BTM)	ISO 247	%m	2.0 TO 5.0	

a measured at 25% mass solution in toluene at 25Å°C using a Brookfield viscometer, LTF or LTV type

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

Property	Test Method	Units	Typical Value	Notes
Melt Flow Rate, 200Å°C/5kg	ISO 1133	g/10min.	< 1	
Elongation at Break	ISO 37	%	880	d
300% Modulus	ISO 37	MPa	2.9	d
Bulk Density	ASTM D 1895 method B	kg/dm3	0.4	
Specific Gravity	ISO 2781		0.94	
Tensile Strength	ISO 37	Mpa	33	d
Hardness, Shore A	ISO 868	Shore A (10 sec)	70	c

c Measured on compression molded slabs

d 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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