

K0431
South America

KRATON® D1102 B Polymer

Data Document

Identifier : K431DDd15LA

Description

Kraton D1102 B is a clear, linear triblock copolymer based on styrene and butadiene with a polystyrene content of 29.5%. It is supplied from South America in the physical form identified below.

- D1102 BT - supplied as a dusted pellet

Kraton D1102 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	28.5 TO 30.5	
Vis, Sol (Toluene) 25.0%w @25C	KM 06	Pa.s	0.9 TO 1.5	a
Total Extractables	KM 05	%m	$\lambda = 1.0$	
Antioxidants Content	KM 08	%m	$\gamma = 0.1$	
Volatile Matter	KM 04	%m	$\lambda = 0.3$	
Ash (BT)	ISO 247	%m	0.20 TO 0.50	

a measured at 25% mass solution in toluene at 25°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
Tensile Strength	ISO 37	Mpa	33	
Melt Flow Rate, 200°C/5kg	ISO 1133	g/10min.	6	
Bulk Density	ASTM D 1895 method B	kg/dm ³	0.4	
Elongation at Break	ISO 37	%	880	
Hardness, Shore A	ISO 868	Shore A (10 sec)	70	b
300% Modulus	ISO 37	MPa	2.9	
Specific Gravity	ISO 2781		0.94	

b 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.

(R) KRATON and the KRATON logo are trademarks owned by the KRATON Polymers Group of Companies