

K0433  
South America

## KRATON® D1186 B Polymer

Data Document

Identifier : K433DDb10LA

## Description

Kraton D1186 B is a clear, branched triblock copolymer based on styrene and butadiene with a polystyrene content of 30%. It is supplied from South America in the physical form identified below.

- Kraton D1186 BT - supplied as a porous pellet dusted with talc

Kraton D1186 B polymer is used as a modifier of bitumen in roofing felt compounds, roads and pipe coating. It may also be suitable for use in formulating adhesives, sealants and coatings and in the modification of polymers.

## Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	29.0 TO 31.0	
Vis, Sol (Toluene) 15.0%w @25C	KM 06	Pa.s	1.0 TO 1.4	
Total Extractables	KM 05	%m	$\lambda = 1.4$	
Antioxidant Content	KM 08	%m	$\gamma = 0.25$	
Volatile Matter	KM 04	%m	$\lambda = 0.3$	
Ash (BT)	ISO 247	%m	$\lambda = 0.5$	

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

Property	Test Method	Units	Typical Value	Notes
300% Modulus	ISO 37	MPa	3	c
Bulk Density	ASTM D 1895 method B	kg/dm <sup>3</sup>	0.4	
Elongation at Break	ISO 37	%	800	c
Tensile Strength	ISO 37	Mpa	24	c
Hardness, Shore A	ISO 868	Shore A (10 sec)	74	b
Specific Gravity	ISO 2781		0.94	
Melt Flow Rate, 200°C/5kg	ISO 1133	g/10min.	< 1	

**b** Typical values on polymer compression molded at 150°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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