



K0530  
South America

KRATON™ D1160 B Polymer

Data Document

Identifier : K530DDe17LA

**Description**

Kraton D1160 B is a clear linear triblock copolymer based on styrene and isoprene with bound styrene of 18.5% mass. It is supplied from South America in the physical form identified below.

- Kraton D1160 BT - supplied as a porous pellet dusted with talc

Kraton D1160 B is used in formulating adhesives, in particular hot melt pressure sensitive adhesives.

**Sales Specifications**

Property	Test Method	Units	Sales Specification Range	Notes
Molecular Weight	KM 01	kg/mol	168 TO 188	
Polystyrene Content	KM 03	%m	17.4 TO 20.5	
Melt Flow, 200C/5000g	ISO 1133	g/10 min	5 TO 13	
Vis, Sol (Toluene) 25.0%w @25C	KM 06	Pa.s	0.7 TO 1.1	a
Total Extractables	KM 05	%m	<= 1.0	
Antioxidant Content	KM 08	%m	>= 0.08	
Volatile Matter	KM 04	%m	<= 0.3	
Ash (BT)	ISO 247	%m	<= 0.50	

**a** Measured on 25% mass solution in toluene at 25Å°C using a Brookfiled viscometer, LTF or LTV model

**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	1.9	c
Tensile Strength	ISO 37	Mpa	32	c
Elongation at Break	ISO 37	%	1300	c
Bulk Density	ASTM D1895	kg/dm3	0.35	
Specific Gravity	ISO 2781		0.92	
Hardness, Shore A (30 sec)	ISO 868	Hardness, Shore A (30 sec)	48	b

**b** Measured on compression molded slabs

**c** Measured on films cast from a solution in toluene

**Packaging**

Kraton Polymers are available in a number of different package types.