

K0347
South America

KRATON® D1155 B Polymer

Data Document

Identifier : K347DDc15LA

Description

Kraton D1155 B is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 40% mass. It is supplied from South America as indicated in the grade nomenclature below.

- Kraton D1155 BO - supplied as a dusted, porous pellet

Kraton D1155 B is used in the modification of polymers and in compounds for technical and footwear applications. It is also used in formulating adhesives, sealants and coatings and as a modifier for bitumen.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	37.0 TO 43.0	
Melt Flow, 190Å°C/2160g	ISO 1133	g/10 min	2 TO 5	
Total Extractables	KM 05	%m	$\lambda = 1.0$	
Antioxidants Content	KM 08	%m	$\gamma = 0.20$	
Volatile Matter	KM 04	%m	$\lambda = 0.5$	
Dust		%m	0.05 TO 0.20	

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

Property	Test Method	Units	Typical Value	Notes
Hardness, Shore A	ISO 868	Shore A (10 sec)	70	a
Specific Gravity	ISO 2781		0.94	
Elongation at Break	ISO 37	%	880	
Tensile Strength	ISO 37	Mpa	33	
300% Modulus	ISO 37	MPa	2.9	
Bulk Density	ASTM D 1895 method B	kg/dm ³	0.4	

a 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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