



K0287
North America

KRATON™ D1126 P Polymer

Data Document

Identifier : K287DDj19U

Description

Kraton D1126 P is a clear, radial copolymer based on styrene and isoprene, with a polystyrene content of 21%. In addition, it has a diblock content of 30% and high melt flow. It is supplied from North America in the physical form identified below.

- Kraton D1126 PT - supplied as a dusted dense pellet

Kraton D1126 P is used as an ingredient in formulating adhesives, sealants and coatings. It may also find use as a modifier of bitumen or thermoplastics and in compound formulations.

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	20.0 TO 23.0	
Antioxidant	KM 08	%w	0.15 TO 0.30	a
Total Extractables	KM 05	%m	<= 1.0	
Volatile Matter	KM 04	%m	<= 0.5	
Ash, T	BAM 908	%w	0.20 TO 0.40	b
a	Non-staining phenolic antioxidant.			
b	Talc			

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

Property	Test Method	Units	Typical Value	Notes
Melt Index 200C, 5 kg	ASTM D 1238	gms/10 min.	22	
Tensile strength	ASTM D-412	psi	1120	d
Hardness	ASTM 2240	Shore A (10s)	39	c
Solution Viscosity	BAM 922	cps	420	b
Styrene / Rubber ratio	n/a		21/79	
Diblock content	n/a		30	
Elongation at break	ASTM D-412	%	1400	d
300% Modulus	ASTM D-412	psi	360	d
b	25%w toluene solution at 25C.			
c	Typical values on polymer compression molded at 300F.			
d	Typical properties determined on film cast from toluene solution.			

Packaging

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