



K774
North America

KRATON™ D1194 M

Data Document

Identifier : K774DDa25NA

Description

Kraton D1194 M is a clear, branched block copolymer based on styrene and butadiene with bound styrene of 30% mass. It is supplied from North America in the physical forms identified as follows in the grade nomenclature:

- D1194MF supplied as a dusted powder
- D1194 MU supplied as an undusted powder

Sales Specifications

Property	Test Method	Units	Sales Specification Range	Notes
Polystyrene Content	KM 03	%m	29.0 TO 31.0	
Total Extractables	KM 05	%m	<= 1.6	
Volatile Matter	KM 04	%m	<= 1.0	
Antioxidant	KM 08	%	0.15 TO 0.40	c

c Non-staining phenolic antioxidant.

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

Property	Test Method	Units	Typical Value	Notes
Specific Gravity	ASTM D 792		0.94	
Diblock content	n/a		16	
Elongation at break	ASTM D-412	%	820	b
300% Modulus	ASTM D-412	psi	800	b
Tensile strength	ASTM D-412	psi	4000	b
Styrene / Rubber ratio	n/a		31/69	
Hardness	ASTM 2240	Shore A (10s)	68	a
Melt Index 200C, 5 kg	ASTM D 1238	gms/10 min.	<1	

a Typical values on polymer compression molded at 350 °F

b Measured on films cast from a solution in toluene