



KRATON® D2104 DI-N

Kraton Polymers LLC - Styrene Butadiene Styrene Block Copolymer

Wednesday, July 20, 2016

General Information

Product Description

Kraton D2104 DI-N is an easy processing, general purpose material designed for a wide variety of applications. It is supplied from North America in the physical form identified below:

- D2104 DI-N - supplied as a translucent dense pellet

General

Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Processability		
Appearance	• Clear/Transparent		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	0.900 to 0.940	0.900 to 0.940	Internal Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	14 to 24 g/10 min	14 to 24 g/10 min	ASTM D1238
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Stress ^{2, 3}			ASTM D412
Across Flow : 100% Strain	75.0 psi	0.517 MPa	
Flow : 100% Strain	220 psi	1.52 MPa	
Across Flow : 300% Strain	150 psi	1.03 MPa	
Flow : 300% Strain	350 psi	2.41 MPa	
Tensile Strength ^{2, 3}			ASTM D412
Across Flow : Yield	1150 psi	7.93 MPa	
Flow : Yield	1400 psi	9.65 MPa	
Tensile Elongation ^{2, 3}			ASTM D412
Across Flow : Break	1300 %	1300 %	
Flow : Break	1200 %	1200 %	
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness			Internal Method
Shore A, 347°F (175°C), Extruded	30 to 40	30 to 40	

Notes

¹ Typical properties: these are not to be construed as specifications.

² Die D, 10 in/min (250 mm/min)

³ Injection Molded