

Dow Nordel® IP 4520 General Purpose Molding

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

FormulationNordel® IP 4520

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Nordel-IP-4520-General-Purpose-Molding.php

Physical Properties	Metric	English	Comments
Density	1.156 g/cc	0.04176 lb/in ³	
Mooney Viscosity	33 @Temperature 100 °C	33 @Temperature 212 °F	ML 1 + 4

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	Vulcanizate, Press cured, TC95 +3min at 160°C
Tensile Strength, Ultimate	7.60 MPa	1100 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Elongation at Break	460 %	460 %	Vulcanizate, Press cured, TC95 +3min at 160°C
100% Modulus	0.00260 GPa	0.377 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
200% Modulus	0.00470 GPa	0.682 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
300% Modulus	0.00600 GPa	0.870 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Tear Strength	31.8 kN/m	181 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	81 % @Temperature 125 °C	81 % @Temperature 257 °F	Pellets cured MDR TC95 + 15 min at 160°C, 70 hr at 125°C; Method B

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-41.0 °C	-41.8 °F	Temperature Retraction, TR-10

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China