

Dow Nordel® IP 4770P General Purpose Compound

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

Material Notes:

FormulationNordel® IP 4770P

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Nordel-IP-4770P-General-Purpose-Compound.php

Physical Properties	Metric	English	Comments
Density	1.083 g/cc	0.03913 lb/in ³	
Mooney Viscosity	62 @Temperature 100 °C	62 @Temperature 212 °F	ML 1 + 4

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69	69	Vulcanizate, Press cured, TC95 +3min at 160°C
Tensile Strength, Ultimate	18.8 MPa	2730 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Elongation at Break	480 %	480 %	Vulcanizate, Press cured, TC95 +3min at 160°C
100% Modulus	0.00390 GPa	0.566 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
200% Modulus	0.00780 GPa	1.13 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
300% Modulus	0.0110 GPa	1.60 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Tear Strength	39.3 kN/m	224 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	61 % @Temperature 125 °C	61 % @Temperature 257 °F	Pellets cured MDR TC95 + 15 min, 70 hr; Method B

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-23.0 °C	-9.40 °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