

## Dow Nordel® IP 4770R General Purpose Compound

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

**Material Notes:**

FormulationNordel® IP 4770R

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Nordel-IP-4770R-General-Purpose-Compound.php](http://www.lookpolymers.com/polymer_Dow-Nordel-IP-4770R-General-Purpose-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.083 g/cc	0.03913 lb/in <sup>3</sup>	
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 t&#39;95 + 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.

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