

## Dow Nordel® IP 4770R Dense Extruded Profile

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-Dense-Extruded-Profile.php](http://www.lookpolymers.com/polymer_Dow-Nordel-IP-4770R-Dense-Extruded-Profile.php)

Physical Properties	Metric	English	Comments
Density	1.185 g/cc	0.04281 lb/in <sup>3</sup>	
Mooney Viscosity	47 @Temperature 100 °C	47 @Temperature 212 °F	ML 1 + 4

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	Vulcanizate, Press cured, TC95 +3min at 160°C
Tensile Strength, Ultimate	10.4 MPa	1510 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Elongation at Break	446 %	446 %	Vulcanizate, Press cured, TC95 +3min at 160°C
100% Modulus	0.00380 GPa	0.551 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
200% Modulus	0.00750 GPa	1.09 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
300% Modulus	0.00900 GPa	1.31 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	88 % @Temperature 125 °C	88 % @Temperature 257 °F	Pellets cured MDR t&#39;95 + 15 min, 70 hr; Method B

## Contact Songhan Plastic Technology Co.,Ltd.

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