

## Dow Nordel® IP 4725P Dense Extrusion

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

**Material Notes:**

FormulationNordel® IP 4725P

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Nordel-IP-4725P-Dense-Extrusion.php](http://www.lookpolymers.com/polymer_Dow-Nordel-IP-4725P-Dense-Extrusion.php)

Physical Properties	Metric	English	Comments
Density	1.194 g/cc	0.04314 lb/in <sup>3</sup>	
Mooney Viscosity	24 @Temperature 100 °C	24 @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	8.00 MPa	1160 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Elongation at Break	434 %	434 %	Vulcanizate, Press cured, TC95 +3min at 160°C
100% Modulus	0.00310 GPa	0.450 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
300% Modulus	0.00720 GPa	1.04 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Tear Strength	35.9 kN/m	205 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	95 % @Temperature 125 °C	95 % @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	-21.0 °C	-5.80 °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

