

Dow Nordel® IP 4725P Medium Hardness 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-Medium-Hardness-Dense-Extrusion.php

Physical Properties	Metric	English	Comments
Density	1.362 g/cc	0.04921 lb/in ³	
Mooney Viscosity	70 @Temperature 100 °C	70 @Temperature 212 °F	ML 1 + 4

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	Vulcanizate, Press cured, TC95 +3min at 160°C
Tensile Strength, Ultimate	11.1 MPa	1610 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Elongation at Break	393 %	393 %	Vulcanizate, Press cured, TC95 +3min at 160°C
100% Modulus	0.00450 GPa	0.653 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
200% Modulus	0.00690 GPa	1.00 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
300% Modulus	0.00910 GPa	1.32 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Tear Strength	30.7 kN/m	175 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	93 % @Temperature 125 °C	93 % @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	-25.0 °C	-13.0 °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