

Dow Nardel® IP 5565 General Purpose Molding

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

Material Notes:

FormulationNardel® IP 5565

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Nardel-IP-5565-General-Purpose-Molding.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	74 @Temperature 100 °C	74 @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	9.50 MPa	1380 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Elongation at Break	383 %	383 %	Vulcanizate, Press cured, TC95 +3min at 160°C
50% Modulus	0.00190 GPa	0.276 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
100% Modulus	0.00350 GPa	0.508 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
200% Modulus	0.00620 GPa	0.899 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
300% Modulus	0.00790 GPa	1.15 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Tear Strength	30.8 kN/m	176 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	65 % @Temperature 125 °C	65 % @Temperature 257 °F	Pellets cured MDR t'95 + 15 min, 70 hr; Method B

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-40.0 °C	-40.0 °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