

Dow Nordel® IP 5565 ASTM D3568

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

Material Notes:

FormulationNordel® IP 5565

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Nordel-IP-5565-ASTM-D3568.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	63 @Temperature 100 °C	63 @Temperature 212 °F	ML 1 + 4

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64	64	Vulcanizate, Press cured, TC95 +3min at 160°C
Tensile Strength, Ultimate	10.7 MPa	1550 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Elongation at Break	301 %	301 %	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	0.00400 GPa	0.580 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	0.0103 GPa	1.49 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Tear Strength	26.0 kN/m	148 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	60 % @Temperature 125 °C	60 % @Temperature 257 °F	Pellets cured MDR t'95 + 15 min, 70 hr; Method B

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-41.0 °C	-41.8 °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