

**Dow Nordel® IP 5565 Heat Resistant Peroxide Cured**

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-Heat-Resistant-Peroxide-Cured.php](http://www.lookpolymers.com/polymer_Dow-Nordel-IP-5565-Heat-Resistant-Peroxide-Cured.php)

Physical Properties	Metric	English	Comments
Mooney Viscosity	120 @Temperature 100 °C	120 @Temperature 212 °F	ML 1 + 4

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	63	63	Vulcanizate, Press cured, TC95 +3min at 180°C
Tensile Strength, Ultimate	15.9 MPa	2310 psi	Vulcanizate, Press cured, TC95 +3min at 180°C
Elongation at Break	226 %	226 %	Vulcanizate, Press cured, TC95 +3min at 180°C
50% Modulus	0.00170 GPa	0.247 ksi	Vulcanizate, Press cured, TC95 +3min at 180°C
100% Modulus	0.00400 GPa	0.580 ksi	Vulcanizate, Press cured, TC95 +3min at 180°C
200% Modulus	0.0123 GPa	1.78 ksi	Vulcanizate, Press cured, TC95 +3min at 180°C
Tear Strength	30.4 kN/m	173 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 180°C
Compression Set	7.0 % @Temperature 125 °C	7.0 % @Temperature 257 °F	Pellets cured MDR t&#39;95 + 15 min, 70 hr; Method B

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-40.0 °C	-40.0 °F	Temperature Retraction, TR-10

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