

Dow Nardel® IP 5565 Dense Extruded Profile

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-Dense-Extruded-Profile.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	73	73	ML 1 + 4
	@Temperature 100 °C	@Temperature 212 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	Vulcanizate, Press cured, TC95 +3min at 160°C
Tensile Strength, Ultimate	10.5 MPa	1520 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Elongation at Break	344 %	344 %	Vulcanizate, Press cured, TC95 +3min at 160°C
50% Modulus	0.00240 GPa	0.348 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
100% Modulus	0.00440 GPa	0.638 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
200% Modulus	0.00760 GPa	1.10 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
300% Modulus	0.00930 GPa	1.35 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Tear Strength	31.6 kN/m	180 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	82 %	82 %	Pellets cured MDR t'95 + 15 min, 70 hr; Method B
	@Temperature 125 °C	@Temperature 257 °F	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-45.0 °C	-49.0 °F	Temperature Retraction, TR-10

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