

Dow Nordel® IP 4760P Compound

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

Material Notes:

FormulationNordel® IP 4760P

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Nordel-IP-4760P-Compound.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	55 @Temperature 100 °C	55 @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	14.4 MPa	2090 psi	Vulcanizate, Press cured, TC95 +3min at 160°C
Modulus of Elasticity	0.00130 GPa	0.189 ksi	25% Modulus, Vulcanizate, Press cured, TC95 +3min at 160°C
50% Modulus	0.00200 GPa	0.290 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
100% Modulus	0.00380 GPa	0.551 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
200% Modulus	0.00800 GPa	1.16 ksi	Vulcanizate, Press cured, TC95 +3min at 160°C
Tear Strength	26.3 kN/m	150 pli	Die C, Vulcanizate, Press cured, TC95 +3min at 160°C
Compression Set	35 % @Temperature 100 °C	35 % @Temperature 212 °F	22 hr

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