

DuPont Performance Polymers VTR 8505/8500 Formulation (discontinued **)

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

Material Notes:

FormulationViton® 8505

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-VTR-85058500-Formulation-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	51 @Temperature 121 °C	51 @Temperature 250 °F	ML-10 (gum)-Akron data

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	67	67	Cured 7 min at 177°C and Post Cured 2 hr at 232°C
Tensile Strength, Ultimate	18.2 MPa	2640 psi	Cured 7 min at 177°C and Post Cured 2 hr at 232°C
Elongation at Break	298 %	298 %	Cured 7 min at 177°C and Post Cured 2 hr at 232°C
Modulus of Elasticity	0.000800 GPa	0.116 ksi	10% Modulus, Cured 7 min at 177°C and Post Cured 2 hr at 232°C
100% Modulus	0.00390 GPa	0.566 ksi	Cured 7 min at 177°C and Post Cured 2 hr at 232°C
Compression Set	20 % @Temperature 200 °C	20 % @Temperature 392 °F	Method B, O-rings 70 hr at 200°C (Post Cured 2 hr at 232°C)

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-32.9 °C	-27.2 °F	DSC, modulated

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