

DuPont Performance Polymers VTR 8525 (GBLT-S) GFLT-600 Formulation (discontinued **)

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

Material Notes:

FormulationViton® GFLT 600

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-VTR-8525-GBLT-S-GFLT-600-Formulation-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	61 @Temperature 121 °C	61 @Temperature 250 °F	ML-10 (gum)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	Cured 7 min at 177°C and Post Cured 16 hr at 232°C
Tensile Strength, Ultimate	17.2 MPa	2490 psi	Cured 7 min at 177°C and Post Cured 16 hr at 232°C
Elongation at Break	172 %	172 %	Cured 7 min at 177°C and Post Cured 16 hr at 232°C
Modulus of Elasticity	0.000840 GPa	0.122 ksi	10% Modulus, Cured 7 min at 177°C and Post Cured 16 hr at 232°C
100% Modulus	0.00710 GPa	1.03 ksi	Cured 7 min at 177°C and Post Cured 16 hr at 232°C
Compression Set	30 % @Temperature 200 °C	30 % @Temperature 392 °F	Method B, O-rings 22 hr at 200°C (Post Cured 16 hr at 232°C)

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-24.2 °C	-11.6 °F	TR-10, 100% Elongation
Glass Transition Temp, Tg	-24.3 °C	-11.7 °F	DSC

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