

DuPont Performance Polymers VTR 8550 (GFLT-S) Peroxide Cured Fluoroelastomer (FKM) Formulation (discontinued)

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

Material Notes:

FormulationVTR-8550

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-VTR-8550-GFLT-S-Peroxide-Cured-Fluoroelastomer-FKM-Formulation-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	64 @Temperature 121 °C	64 @Temperature 250 °F	ML-10 (gum)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71	71	Cured 7 min at 177°C and Post Cured 2 hr at 232°C
Tensile Strength, Ultimate	18.3 MPa	2650 psi	Cured 7 min at 177°C and Post Cured 2 hr at 232°C
Elongation at Break	207 %	207 %	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	0.00660 GPa	0.957 ksi	Cured 7 min at 177°C and Post Cured 2 hr at 232°C
Compression Set	11 % @Temperature 200 °C	11 % @Temperature 392 °F	Method B, O-rings 22 hr at 200°C (Post Cured 2 hr at 232°C)

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-23.9 °C	-11.0 °F	TR-10
Glass Transition Temp, Tg	-25.7 °C	-14.3 °F	DSC

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