

DuPont Performance Polymers GLT305 Peroxide Cured Fluoroelastomer (FKM) Formulation (discontinued **)

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

Material Notes:

FormulationViton® GLT305

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Performance-Polymers-GLT305-Peroxide-Cured-Fluoroelastomer-FKM-Formulation-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Mooney Viscosity	34 @Temperature 121 °C	34 @Temperature 250 °F	ML-10 (gum)-Akron data

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69	69	Cured 7 min at 177°C and Post Cured 16 hr at 232°C
Tensile Strength, Ultimate	18.2 MPa	2640 psi	Cured 7 min at 177°C and Post Cured 16 hr at 232°C
Elongation at Break	186 %	186 %	Cured 7 min at 177°C and Post Cured 16 hr at 232°C
Modulus of Elasticity	0.000700 GPa	0.102 ksi	10% Modulus, Cured 7 min at 177°C and Post Cured 16 hr at 232°C
100% Modulus	0.00670 GPa	0.972 ksi	Cured 7 min at 177°C and Post Cured 16 hr at 232°C
Compression Set	29 % @Temperature 200 °C	29 % @Temperature 392 °F	Method B, O-rings 70 hr at 200°C (Post Cured 16 hr at 232°C)

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-30.8 °C	-23.4 °F	DSC, modulated

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