

S&E Specialty Polymers GTPE-2203G1 PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Uncompounded

Material Notes:

Application: RoHS compliant, 105° C, flexible, oil resistant TPE jacketing material with extremely good low temperature properties. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-GTPE-2203G1-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 - 1.20 g/cc	1.14 - 1.20 g/cc	ASTM D792
Deformation	63 % @Temperature 1.00 °C, Time 540000 sec	63 % @Temperature 33.8 °F, Time 150 hour	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	58 - 70	58 - 70	ASTM D2240
Tensile Strength	11.8 MPa	1710 psi	ASTM D412
	13.2 MPa @Treatment Temp. 60.0 °C, Time 605000 sec	1910 psi @Treatment Temp. 140 °F, Time 168 hour	Oil #2
	14.04 MPa @Treatment Temp. 136 °C, Time 605000 sec	2036 psi @Treatment Temp. 277 °F, Time 168 hour	Oven
Elongation at Break	350 %	350 %	ASTM D412
	297.5 % @Treatment Temp. 136 °C, Time 605000 sec	297.5 % @Treatment Temp. 277 °F, Time 168 hour	Oven
	301 % @Treatment Temp. 60.0 °C, Time 605000 sec	301 % @Treatment Temp. 140 °F, Time 168 hour	Oil #2
100% Modulus	0.00414 GPa	0.600 ksi	ASTM D412

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-53.0 °C	-63.4 °F	ASTM D746

Thermal Properties	Metric	English	Comments
Oxygen Index	26.3 %	26.3 %	ASTM D2863

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