

S&E Specialty Polymers GTPE-2272ALC PVC

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

Material Notes:

Application: Flame retardant, matt finish, 90° C, flexible, oil resistant, TPE jacketing material. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-GTPE-2272ALC-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 - 1.28 g/cc	1.24 - 1.28 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68 - 72	68 - 72	ASTM D2240
Tensile Strength	11.7 MPa	1700 psi	ASTM D412
	12.4 MPa	1800 psi	
	@Treatment Temp. 121 °C, Time 605000 sec	@Treatment Temp. 250 °F, Time 168 hour	Oven
	13.45 MPa	1951 psi	
	@Treatment Temp. 100 °C, Time 346000 sec	@Treatment Temp. 212 °F, Time 96.0 hour	ATM Oil #2
Elongation at Break	400 %	400 %	ASTM D412
	336 %	336 %	
	@Treatment Temp. 100 °C, Time 346000 sec	@Treatment Temp. 212 °F, Time 96.0 hour	ATM Oil #2
	368 %	368 %	
	@Treatment Temp. 121 °C, Time 605000 sec	@Treatment Temp. 250 °F, Time 168 hour	Oven

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-50.0 °C	-58.0 °F	ASTM D746
Oxygen Index	28 %	28 %	ASTM D2863

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