

S&E Specialty Polymers GA-1057H1-VW1LF PVC

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

Material Notes:

Application: Lead free 105° C, flat ribbon cable insulation.Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-GA-1057H1-VW1LF-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 - 1.44 g/cc	1.40 - 1.44 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92 - 97	92 - 97	ASTM D2240
Tensile Strength	17.2 MPa	2490 psi	ASTM D412
	17.88 MPa	2593 psi	
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	Oven aged
Elongation at Break	250 %	250 %	ASTM D412
	222.5 %	222.5 %	
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	Oven aged

Thermal Properties	Metric	English	Comments
Oxygen Index	28 %	28 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	6.00e+13 ohm-cm	6.00e+13 ohm-cm	ASTM D746

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