

S&E Specialty Polymers GA-5090RLT PVC

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

Material Notes:

Application: Lead free, flame retardant UV and oil resistant PVC jacketing compound with superior 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-GA-5090RLT-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 - 1.30 g/cc	1.24 - 1.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71 - 80	71 - 80	ASTM D2240
Tensile Strength	13.1 MPa	1900 psi	ASTM D412
	15.59 MPa	2261 psi	
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	Oven aged
	15.98 MPa	2318 psi	
	@Treatment Temp. 100 °C, Time 346000 sec	@Treatment Temp. 212 °F, Time 96.0 hour	Aging in ASTM Oil #2
Elongation at Break	325 %	325 %	ASTM D412
	247 %	247 %	
	@Treatment Temp. 100 °C, Time 346000 sec	@Treatment Temp. 212 °F, Time 96.0 hour	Aging in ASTM Oil #2
	276.25 %	276.25 %	
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	Oven aged

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-34.0 °C	-29.2 °F	ASTM D746
Oxygen Index	29 %	29 %	ASTM D2863

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