

S&E Specialty Polymers GA-1941-AFRO PVC

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

Material Notes:

Application: 105° C PVC insulating compound designed for SJE00 applications
Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-GA-1941-AFRO-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	75 - 84	75 - 84	ASTM D2240
Tensile Strength	18.3 MPa	2650 psi	ASTM D412
	15.55 MPa	2255 psi	
	@Treatment Temp. 60.0 °C, Time 605000 sec	@Treatment Temp. 140 °F, Time 168 hour	Oil oven aged
	15.74 MPa	2283 psi	
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	Oven aged
Elongation at Break	350 %	350 %	ASTM D412
	329 %	329 %	
	@Treatment Temp. 60.0 °C, Time 605000 sec	@Treatment Temp. 140 °F, Time 168 hour	Oil oven aged
	332.5 %	332.5 %	
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	Oven aged
100% Modulus	0.00965 GPa	1.40 ksi	ASTM D412

Thermal Properties	Metric	English	Comments
Oxygen Index	27 %	27 %	ASTM D2863

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