

S&E Specialty Polymers TuffFlex™ GA-94-244B PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Application: 105°C rated vinyl elastomer for medical wire and cable applications. This product complies with the RoHS

Directive. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TuffFlex-GA-94-244B-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65.0	65.0	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	14.5 MPa	2100 psi	ASTM D412
	14.79 MPa	2145 psi	Air Oven Aged
	@Temperature 136 °C, Time 605000 sec	@Temperature 277 °F, Time 168 hour	
Elongation at Break	360 %	360 %	ASTM D412
	288 %	288 %	Air Oven Aged
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	

Processing Properties	Metric	English	Comments
Processing Temperature	166 - 177 °C	330 - 350 °F	Suggested Extrusion Stock

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