

S&E Specialty Polymers TufTech™ GA-96-120 PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Application: A Flame Retardant Wire & Cable Jacketing Compound Rated at 75°C With Superior Low Temperature Properties and UV Resistance. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TufTech-GA-96-120-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	78.0	78.0	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	17.2 MPa	2490 psi	ASTM D412
	14.104 MPa	2045.6 psi	
	@Temperature 100 °C, Time 864000 sec	@Temperature 212 °F, Time 240 hour	Oven Aging
Elongation at Break	300 %	300 %	ASTM D412
	225 %	225 %	
	@Treatment Temp. 100 °C, Time 864000 sec	@Treatment Temp. 212 °F, Time 240 hour	Oven Aging

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-45.0 °C	-49.0 °F	ASTM D746
Oxygen Index	26.0 %	26.0 %	ASTM D2863

Processing Properties	Metric	English	Comments
Processing Temperature	168 - 174 °C	335 - 345 °F	Suggested Stock

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