

S&E Specialty Polymers TufTech™ GA-3188AHP PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Application: RoHS compliant, phthalate free, 105°C flame retardant jacketing material suitable for extrusion applications. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TufTech-GA-3188AHP-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88.0	88.0	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	19.3 MPa	2800 psi	ASTM D412
	20.458 MPa	2967.2 psi	
	@Temperature 100 °C, Time 14400 sec	@Temperature 212 °F, Time 4.00 hour	Oil Aged
Elongation at Break	300 %	300 %	ASTM D412
	>= 234 %	>= 234 %	Oil Aged
	@Treatment Temp. 100 °C, Time 14400 sec	@Treatment Temp. 212 °F, Time 4.00 hour	
Abrasion	80.0	80.0	Taber, H18 Wheel; ASTM D4060
	@Load 1.00 kg	@Load 2.20 lb	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-20.0 °C	-4.00 °F	ASTM D746
Flammability, UL94	V-0	V-0	
	@Thickness 3.17 mm	@Thickness 0.125 in	
Oxygen Index	27.5 %	27.5 %	ASTM D2863

Processing Properties	Metric	English	Comments
Processing Temperature	174 - 185 °C	345 - 365 °F	Suggested Stock

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