

S&E Specialty Polymers TuffFlex™ GA-5330D PVC/PU Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Application: 105°C, matte finish, flame retardant PVC/PU jacketing material designed for retractile cord applications. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TuffFlex-GA-5330D-PVCPU-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80.0	80.0	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	19.0 MPa	2760 psi	ASTM D412
	15.2 MPa	2200 psi	Air Oven Aged
Elongation at Break	400 %	400 %	ASTM D412
	220 %	220 %	Air Oven Aged
	@Treatment Temp. 136 °C, Time 605000 sec	@Treatment Temp. 277 °F, Time 168 hour	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-35.0 °C	-31.0 °F	ASTM D746
Oxygen Index	25.0 %	25.0 %	ASTM D2863

Processing Properties	Metric	English	Comments
Processing Temperature	171 - 179 °C	340 - 355 °F	Suggested Extrusion Stock

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