

S&E Specialty Polymers TufFlex™ GA-509-75 TPE Compound

Category : Polymer , Thermoplastic , Elastomer , TPE

Material Notes:

Application: A UL listed, sunlight resistant, 75°C rated, UL1277 power limited and control cable jacketing compound for CMX, CL2 and CL3 applications. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TufFlex-GA-509-75-TPE-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75.0	75.0	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	11.8 MPa	1710 psi	ASTM D412
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Elongation at Break	385 %	385 %	ASTM D412
	327.25 %	327.25 %	
100% Modulus	0.00793 GPa	1.15 ksi	ASTM D412
	@Temperature 100 °C, Time 864000 sec	@Temperature 212 °F, Time 240 hour	
	@Treatment Temp. 100 °C, Time 864000 sec	@Treatment Temp. 212 °F, Time 240 hour	Aged

Thermal Properties	Metric	English	Comments
Oxygen Index	28.0 %	28.0 %	ASTM D2863

Processing Properties	Metric	English	Comments
Processing Temperature	171 - 182 °C	340 - 360 °F	Suggested Stock

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