

S&E Specialty Polymers TufTech™ SE11-031 PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Application: Automotive - PVC, Integral Colored, Exterior Weatherable, Extrusion & Injection Molding Compound
Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TufTech-SE11-031-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 - 1.37 g/cc	1.31 - 1.37 g/cc	ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77.925 - 88.315	77.925 - 88.315	Heat Aging; ISO 188, Method B
	@Temperature 85.0 °C, Time 605000 sec	@Temperature 185 °F, Time 168 hour	
	75.0 - 85.0	75.0 - 85.0	ISO 868
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	15.0 MPa	2180 psi	500mm/min; ISO 527, 1A
	16.083 MPa	2332.6 psi	
Elongation at Break	345 %	345 %	500mm/min; ISO 527, 1A
	370.875 %	370.875 %	
	@Treatment Temp. 85.0 °C, Time 605000 sec	@Treatment Temp. 185 °F, Time 168 hour	Heat Aging; ISO 188, Method B

Descriptive Properties	Value	Comments
Cold Flex	-34°C	SAE J323, Method A, No cracks, 12 mm mandrel

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