

S&E Specialty Polymers TufFlex™ GF 1831 PVC/Nitrile Alloy

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Application: High Grade Oil Resistant PVC/Nitrile Soling Material with excellent Abrasion and slip resistant properties designed for work boot applications. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TufFlex-GF-1831-PVCNitrile-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	58.0	58.0	Instant; ASTM D2240
	50.0	50.0	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	8.48 MPa	1230 psi	ASTM D412
Elongation at Break	575 %	575 %	ASTM D412
Coefficient of Friction	0.610	0.610	Varnished Wood: Wet; ASTM D1894
	0.610	0.610	Mason Tiles: Wet; ASTM D1894
	0.770	0.770	Mason Tiles: Dry; ASTM D1894
	0.820	0.820	Vinyl Tiles: Wet; ASTM D1894
	0.910	0.910	Varnished Wood: Dry; ASTM D1894
	1.07	1.07	Vinyl Tiles: Dry; ASTM D1894
Abrasion	200	200	[%], NBS; ASTM D297

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-42.0 °C	-43.6 °F	ASTM D746

Processing Properties	Metric	English	Comments
Processing Temperature	177 - 182 °C	350 - 360 °F	Suggested Stock

Descriptive Properties	Value	Comments
Rosflex	50000	-20°F, ASTM D1052

Descriptive Properties	Value	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

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