

S&E Specialty Polymers GF-1831 PVC

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Uncompounded

Material Notes:

Description: High grade oil resistant PVC/Nitril 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-GF-1831-PVC.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	50 - 58	50 - 58	ASTM D2240
Tensile Strength	8.48 MPa	1230 psi	ASTM D412
Elongation at Break	575 %	575 %	ASTM D412
Abrasion	>= 2.0	>= 2.0	NBS; ASTM D1630

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

Descriptive Properties	Value	Comments
Rosflex	>50000	@ -20°F, ASTM D1052
Slip Resistance	0.61	Wet, Varnished wood, ASTM D1894
	0.61	Wet, Mason tile, ASTM D1894
	0.77	Dry, Mason tile, ASTM D1894
	0.82	Wet, Vinyl tile, ASTM D1894
	0.91	Dry, Varnished wood, ASTM D1894
	1.07	Dry, Vinyl tile, ASTM D1894
Stock Temperature	330-340°F	

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