

Garaflex™ X 05-309-A1 NATURAL

Polyvinyl Chloride Alloy

AlphaGary

Message:

A PVC ALLOY COMPOUND FOR FOOTWEAR APPLICATIONS.

General Information			
Uses	Footwear		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18 to 1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	67 to 73		
Shore A, 15 sec	57 to 63		
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance ¹			
loss, 1000 cycles	0.300	%	
loss, 5000 cycles	1	%	
Ross Flex (-29°C, 6.35 mm)	20000		ASTM D1052
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (1.91 mm)	11.7	MPa	ASTM D412
Tensile Elongation (Break, 1.91 mm)	400	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-50.0	°C	ASTM D746
NOTE			

1. Taber Abrasion QLWI-8.2.4-44

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