

Garathane™ GT 5080-A NATURAL

Polyvinyl Chloride + PUR

AlphaGary

Message:

A DULL GARATHANE PVC/PU ALLOY FOOTWEAR MOLDING COMPOUND

General Information			
Uses	Footwear		
RoHS Compliance	Contact Manufacturer		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14 to 1.18	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	62 to 68		
Shore A, 15 sec	56 to 62		
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance			
loss, 1000 cycles	0.250	%	
loss, 5000 cycles	1	%	
Ross Flex (-29°C, 6.35 mm)	50000		ASTM D1052
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (1.91 mm)	8.96	MPa	ASTM D412
Tensile Elongation (Break, 1.91 mm)	350	%	ASTM D412
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength ¹			UL Unspecified
23°C, 48 hr, in Gasoline	45	%	
23°C, 48 hr, in Vegetable Oil	-10	%	
Change in Ultimate Elongation ²			UL Unspecified
23°C, 48 hr, in Gasoline	35	%	
23°C, 48 hr, in Vegetable Oil	-20	%	
Change in Volume ³			
23°C, 48 hr, in Gasoline	-27	%	
23°C, 48 hr, in Vegetable Oil	-8.0	%	
NOTE			
1.	Thickness: 75 mil		
2.	Thickness: 75 mil		
3.	Thickness: 75 mil		

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Recommended distributors for this material

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