

# Axiall PVC SP-6340

Rigid Polyvinyl Chloride

Axiall Corporation

## Message:

Georgia Gulf SP-6340 is a rigid vinyl injection molding compound designed for fittings and parts of similar configuration where maximum burst strength is required. Georgia Gulf 6340 is ideally suited for large diameter fittings. Georgia Gulf 6340 is listed with NSF under Standard 14, and meets Standard 61 health effects requirements.

General Information			
Uses	Fittings		
Agency Ratings	NSF 14		
	NSF 61		
UL File Number	E53006		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
PVC Cell Classification	12454-B		ASTM D1784
Flow Ratio <sup>1</sup>	150		
Gardner Impact <sup>2</sup> (23°C)	36.2	J	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2900	MPa	ASTM D638
Tensile Strength	51.7	MPa	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, 3.18 mm	37	J/m	
23°C, 3.18 mm	75	J/m	
Drop Impact Resistance <sup>3</sup> (23°C)	114	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	74.0	°C	
1.8 MPa, Unannealed	70.0	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	38	%	ASTM D2863
NOTE			

1.	Distance/Wall Thickness, 390 to 400°F
2.	1/2 in R Tup
3.	0.5 in Dart

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

