

Axiall PVC 2651

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Axiall PVC 2651 is a Rigid Polyvinyl Chloride material. It is available in North America. Primary attribute of Axiall PVC 2651: Flame Rated.

General Information			
UL YellowCard	E53006-243300	E53006-243301	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.40	%	ASTM D955
Flow Ratio ¹ (199°C)	190		
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2740	MPa	ASTM D638
Tensile Strength	43.4	MPa	ASTM D638
Flexural Modulus	2550	MPa	ASTM D790
Flexural Strength	73.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, 3.18 mm	80	J/m	
23°C, 3.18 mm	530	J/m	
Gardner Impact ² (23°C)	22.0	J	Internal Method
Drop Impact Resistance ³ (23°C)	129	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	73.7	°C	
1.8 MPa, Unannealed	70.7	°C	
RTI Elec	95.0	°C	UL 746
RTI Imp	80.0	°C	UL 746
RTI Str	95.0	°C	UL 746
Flammability	Nominal Value	Unit	Test Method
	V-0		
Flame Rating	5VA		UL 94
Oxygen Index	36	%	ASTM D2863
NOTE			
1.	Distance/Wall Thickness		

2.	1/2 in. R Tup
3.	0.5 in Dart

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Recommended distributors for this material

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