

## Axiall 2651 Rigid PVC, Molding

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

Information provided by Georgia Gulf Georgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Axiall-2651-Rigid-PVC-Molding.php](http://www.lookpolymers.com/polymer_Axiall-2651-Rigid-PVC-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D-792
Linear Mold Shrinkage	0.0030 - 0.0040 cm/cm	0.0030 - 0.0040 in/in	ASTM D-955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D-785
Tensile Strength, Yield	43.4 MPa	6300 psi	ASTM D-638
Tensile Modulus	2.74 GPa	398 ksi	ASTM D-638
Flexural Strength	73.22 MPa	10620 psi	ASTM D-790
Flexural Modulus	2.55 GPa	370 ksi	ASTM D-790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature -20.0 °C	@Thickness 0.125 in, Temperature -4.00 °F	
Gardner Impact	5.34 J/cm	10.0 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	
Gardner Impact	22.0 J	16.2 ft-lb	1/2" R Tup, 67 mil
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	73.72 °C	164.7 °F	ASTM D-648
Deflection Temperature at 1.8 MPa (264 psi)	70.72 °C	159.3 °F	ASTM D-648
UL RTI, Electrical	95.0 °C	203 °F	UL-746B
UL RTI, Mechanical with Impact	80.0 °C	176 °F	UL-746B
UL RTI, Mechanical without Impact	95.0 °C	203 °F	UL-746B

Flammability III 94 Thermal Properties	SVA Metric	SVA English	Comments
Oxygen Index	36 %	36 %	ASTM D-2863

Descriptive Properties	Value	Comments
Flow Ratio (Distance/Wall Thickness, 390°F)	190	Internal

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China