

## Axiall 7055 Rigid PVC, Extrusion

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

Georgia Gulf 7055 is a special purpose rigid PVC extrusion compound designed for applications requiring the following properties: WeatherabilityChemicalDurabilityEase of ProcessingToughnessInformation provided by Georgia GulfGeorgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Axiall-7055-Rigid-PVC-Extrusion.php](http://www.lookpolymers.com/polymer_Axiall-7055-Rigid-PVC-Extrusion.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 g/cc	1.43 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM D-785
Hardness, Shore D	80	80	ASTM D-2240
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D-638
Tensile Modulus	2.58 GPa	374 ksi	ASTM D-638
Flexural Strength	75.8 MPa	11000 psi	ASTM D-790
Flexural Modulus	2.73 GPa	396 ksi	ASTM D-790
Izod Impact, Notched	8.54 J/cm	16.0 ft-lb/in	ASTM D-256
	@Thickness 6.35 mm, Temperature 23.0 °C	@Thickness 0.250 in, Temperature 73.4 °F	
Tensile Impact Strength	11.2 J/cm	21.0 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	
Dart Drop Total Energy	168 kJ/m <sup>2</sup>	80.0 ft-lb/in <sup>2</sup>	ASTM D-1822
Dart Drop Total Energy	49.1 J/cm	0.0920 ft-lb/mil	23°C, C.125 Tup, Method A; ASTM D-4226
	155 J/cm	0.290 ft-lb/mil	H.25 Tup, Method A; ASTM D-4226

Thermal Properties	Metric	English	Comments
CTE, linear	64.8 µm/m-°C	36.0 µin/in-°F	ASTM D-696
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	71.1 °C	160 °F	ASTM D-648

Thermal Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Melt Temperature	182 °C	360 °F	

Descriptive Properties	Value	Comments
Cell Classification	14433233	ASTM D-4216

## Contact Songhan Plastic Technology Co.,Ltd.

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