

Axiall 35851 Moldings & Extrusions Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

105C plug molding compound. UL recognized component for 94-5VA in all colors (3.0 mm min. thickness). UL QMFZ2 recognized component. 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-35851-Moldings-Extrusions-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 - 1.41 g/cc	1.37 - 1.41 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	43 - 49	43 - 49	delayed; ASTM D-2240
	55 - 61	55 - 61	ASTM D-2240
Tensile Strength, Yield	20.3 MPa	2950 psi	ASTM D-638
Elongation at Yield	280 %	280 %	ASTM D-638
100% Modulus	0.0138 GPa	2.00 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-11.0 °C	12.2 °F	ASTM D-746
Flammability, UL94	5VA	5VA	All colors
	@Thickness >=3.00 mm	@Thickness >=0.118 in	
Oxygen Index	31 %	31 %	ASTM D-638

Processing Properties	Metric	English	Comments
Melt Temperature	188 °C	370 °F	

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