

Axiall 8823 Moldings & Extrusions Flexible PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

A UL certified flame retardant, clear flexible PVC compound recommended for a maximum service temperature of 60°C. Exhibits good migration resistance properties. UL approved for 94 V-0 at 2.30 mm; 94 V-1 at 1.85 mm and 94 V-2 at 0.90 mm. 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-8823-Moldings-Extrusions-Flexible-PVC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 - 1.26 g/cc	1.22 - 1.26 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80 - 86	80 - 86	delayed; ASTM D-2240
Tensile Strength, Yield	17.9 MPa	2600 psi	ASTM D-638
Elongation at Yield	350 %	350 %	ASTM D-638
100% Modulus	0.00965 GPa	1.40 ksi	ASTM D-638

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-2	V-2	
	@Thickness 0.900 mm	@Thickness 0.0354 in	
	V-1	V-1	
	@Thickness 1.85 mm	@Thickness 0.0728 in	
	V-0	V-0	
	@Thickness 2.30 mm	@Thickness 0.0906 in	

Processing Properties	Metric	English	Comments
Melt Temperature	171 °C	340 °F	

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