

AuroraFlex™ 4250A

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A PVC based compound, Prop 65 compliant, suitable for general purpose extrusion or injection molding applications.

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• General Purpose
Uses	• General Purpose
Agency Ratings	• OEHHA (California) Proposition 65
Appearance	• Colors Available
Processing Method	• Extrusion • Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24 to 1.30		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	1600	psi	ASTM D412
Tensile Elongation (Break)	350	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	47 to 50		ASTM D2240

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	315 to 335	°F
Cylinder Zone 2 Temp.	315 to 335	°F
Cylinder Zone 3 Temp.	315 to 335	°F
Cylinder Zone 4 Temp.	315 to 335	°F
Melt Temperature	325	°F
Die Temperature	335 to 340	°F

