

AuroraTec™ AP2505

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A natural rigid PVC powder extrusion compound designed for extruded PVC pipe and conduit.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Rigidity		
Uses	• Conduit	• Piping	
Appearance	• Natural Color		
Forms	• Powder		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	434000	psi	ASTM D638
Tensile Strength	6990	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.65	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	167	°F	ASTM D648
Additional Information	Nominal Value	Unit	Test Method
Cell Classification	12454		ASTM D1784

Notes

¹ Typical properties: these are not to be construed as specifications.

