

AuroraTec™ AP2516AGR1031

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A gray, rigid PVC powder extrusion compound designed for conduit applications.

Note: Additional custom color matching is available upon request.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.47		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	570000	psi	ASTM D638
Tensile Strength	5760	psi	ASTM D638
Flexural Modulus	458000	psi	ASTM D790
Flexural Strength	10500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	5.5	ft·lb/in	ASTM D256
Dart Impact ²			ASTM D4226
Procedure A	1	in·lb/mil	
Procedure B	2	in·lb/mil	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	72		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	165	°F	ASTM D648
CLTE - Flow	3.5E-5	in/in/°F	ASTM D696
Additional Information	Nominal Value	Unit	Test Method
Cell Classification	13264		ASTM D1784

Notes

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

² Min Failure

