

AuroraTec™ AP2516BGR1118

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 • Europe • North America • Asia Pacific • Latin 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	451000	psi	ASTM D638
Tensile Strength	6290	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	14364		ASTM D1784

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

² Min Failure
