

AuroraTec™ AP2465BNT1001

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A natural rigid PVC powder extrusion compound designed for extruded PVC pipe and conduit. Aurora Plastics AP2465BNT1001 is NSF listed for potable water and DWV applications under Standard 14/61.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Good Rigidity
Uses	• Potable Water Applications
Agency Ratings	• NSF STD-14 • NSF STD-61
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	430000	psi	ASTM D638
Tensile Strength	7150	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.94	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)	163	°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.

