

AuroraTec™ AP4011D

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A general purpose PVC pellet compound designed for extrusion applications requiring good melt strength, excellent processing, and excellent physical properties.

Available in white and custom colours

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Good Rigidity • High Impact Resistance
Uses	• Outdoor Applications
Appearance	• Colors Available • White
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	1.38		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	420000	psi	ASTM D638
Tensile Strength	6100	psi	ASTM D638
Flexural Modulus	410000	psi	ASTM D790
Flexural Strength	10500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	14	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	79		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	165	°F	ASTM D648

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

² Value for a Natural version
