

AuroraTec™ AP4006P

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A high flow rigid PVC pellet compound designed for injection molding and sheet extrusion with good impact and good weathering properties.

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 • High Flow • Good Weather Resistance • High Impact Resistance
Uses	• Sheet
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.44		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	361000	psi	ASTM D638
Tensile Strength	6690	psi	ASTM D638
Flexural Modulus	434000	psi	ASTM D790
Flexural Strength (Yield)	11000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	4.4	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	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.

