

**AuroraTec™ AP5104AP**

Aurora Material Solutions, LLC - Polyvinyl Chloride

**General Information**
**Product Description**

A general-purpose rigid PVC pellet, extrusion compound designed for applications requiring good melt strength, excellent color dispersion, and excellent physical properties. AP5104AP has NSF Standard 51 listings for some colors.

See NSF Std 51 listings for specific approved colors

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	• Dispersible	• Good Melt Strength	
	• General Purpose	• Good Rigidity	
Uses	• General Purpose		
Agency Ratings	• NSF STD-51		
Appearance	• Colors Available		
Forms	• Pellets		
Processing Method	• Extrusion		

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	460000	psi	ASTM D638
Tensile Strength	6290	psi	ASTM D638
Flexural Modulus	438000	psi	ASTM D790
Flexural Strength	11400	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	ft·lb/in	ASTM D256
Dart Impact <sup>2</sup>			ASTM D4226
Procedure A	1	in·lb/mil	
Procedure B	> 4	in·lb/mil	
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)	162	°F	ASTM D648
CLTE - Flow	3.5E-5	in/in/°F	ASTM D696

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Min Failure

