

# ALPHAMED 2212-100

## Alphagary - Semi-Rigid Polyvinyl Chloride

### General Information

#### Product Description

ALPHAMED 2212-100 is a semi-rigid PVC compound designed for injection molding. This compound offers excellent flow characteristics, low processing temperatures, superior thermal stability and good mold release. It is designed to meet USP Class VI and cytotoxicity requirements for disposable medical devices.

#### General

Features	<ul style="list-style-type: none"> <li>• Disposable</li> <li>• Good Mold Release</li> </ul>	<ul style="list-style-type: none"> <li>• Good Thermal Stability</li> <li>• High Flow</li> </ul>	<ul style="list-style-type: none"> <li>• Semi Rigid</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Medical/Healthcare Applications</li> </ul>		
Agency Ratings	<ul style="list-style-type: none"> <li>• USP Class VI</li> </ul>		
RoHS Compliance	<ul style="list-style-type: none"> <li>• Contact Manufacturer</li> </ul>		
Processing Method	<ul style="list-style-type: none"> <li>• Injection Molding</li> </ul>		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	4110	psi	ASTM D412
Tensile Elongation (Break)	220	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	65		ASTM D2240