



SUPERKLEEN 3003-85

Alphagary - Flexible Polyvinyl Chloride

General Information

Product Description

SUPERKLEEN compounds are clear, flexible PVC materials formulated with a bio-based plasticizer and designed to pass the requirements of Class VI USP and cytotoxicity testing. SUPERKLEEN 2223 series is formulated for extrusion applications; the 3003 series is formulated for injection molding applications.

General

Features	<ul style="list-style-type: none"> Bio-Based Plasticizer Good Clarity 	<ul style="list-style-type: none"> Good Flexibility Renewable Resource Content
Uses	<ul style="list-style-type: none"> Medical/Healthcare Applications 	
Agency Ratings	<ul style="list-style-type: none"> USP Class VI 	
Appearance	<ul style="list-style-type: none"> Clear/Transparent 	
Processing Method	<ul style="list-style-type: none"> Injection Molding 	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.25		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2650	psi	ASTM D638
Tensile Elongation (Break)	280	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	83		ASTM D2240