

Bayshore Vinyl Compounds BVC 1100-65 Clear PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade

Material Notes:

BVC 1100-65 is a clear flexible PVC compound produced with FDA sanctioned ingredients. It is recommended for use in applications for the medical, food and beverage industries. This material offers excellent processing, stability and clarity for tubing, profile extrusions and some molding applications. Information Provided by Bayshore Vinyl Compounds Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bayshore-Vinyl-Compounds-BVC-1100-65-Clear-PVC-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62 - 68	62 - 68	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength at Break	15.62 MPa	2266 psi	ASTM D638
Elongation at Break	466 %	466 %	ASTM D638
100% Modulus	0.00547 GPa	0.794 ksi	ASTM D638
Tear Strength	47.0 kN/m	268 pli	ASTM D1004

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-44.0 °C	-47.2 °F	Impact Brittleness; ASTM D746
Clash Berg Stiffness Temperature	-59.0 °C	-74.2 °F	135K; ASTM D1043
	-41.0 °C	-41.8 °F	35K; ASTM D1043

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Descriptive Properties	Value	Comments
Activated Carbon@90°C, % Wt Loss	ASTM D1203	
Weight Loss (%), ASTM D1239	0.9	Soapy H ₂ O Extraction @ 50°C
	21.1	Oil Extraction
	36	Hexane Extraction

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