

Manner Flexible PVC 6944

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 105°C General purpose jacket or insulation compound. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Uses	• General Purpose • Insulation

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32 to 1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ²	1700	psi	ASTM D638
Tensile Strength ²	3000	psi	ASTM D638
Tensile Elongation ² (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	81 to 87		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (277°F, 168 hr)	-5.0	%	UL 1581
Change in Ultimate Elongation in Air ³ (277°F, 168 hr)	-15	%	UL 1581

Notes

¹ Typical properties: these are not to be construed as specifications.

² Unaged Dumbbells

³ .03 Inch

