

Manner Flexible PVC V945

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Jacketing compound suitable for SE/USE requirements. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Cable Jacketing • Wire & Cable Applications

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34 to 1.38		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2800	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-13.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ² (235°F, 168 hr)	-3.0	%	UL Unspecified
Change in Ultimate Elongation in Air ² (235°F, 168 hr)	-7.0	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863

Notes

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

² Air Aged Retention

