

Manner Flexible PVC V955 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Tray Cable jacket with excellent low temperature properties. 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
Appearance	• Natural Color

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37 to 1.41		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	1480	psi	ASTM D638
Tensile Strength	2500	psi	ASTM D638
Tensile Elongation (Break)	380	%	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	-50.8	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ² (250°F, 168 hr)	-4.0	%	UL 1581
Change in Ultimate Elongation in Air ² (250°F, 168 hr)	-6.0	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863

Notes

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

² Air Aged Retention

