

Manner Flexible PVC V974 BLK580

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 75°C Communication Jacketing compound suitable for drop wire types meeting CM 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 • Communication Wire Jacketing • Wire & Cable Applications
Appearance	• Black

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41 to 1.45		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	2100	psi	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	85 to 91		
Shore A, 15 sec	78 to 84		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.6	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (212°F, 240 hr)	-1.0	%	UL Unspecified
Change in Ultimate Elongation in Air ³ (212°F, 240 hr)	-1.0	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

Notes

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

² Unaged Dumbbells: .075 inch

³ Air Retention: .03 inch

