

Manner Flexible PVC V914 BLK580

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 90°C Tray Cable Jacket for applications as per UL62,1072,1277 and 1569. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Wire & Cable Applications
Agency Ratings	• UL 1072 • UL 1569 • UL 1277 • UL 62
Appearance	• Black

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36 to 1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	3000	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	72 to 78		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 (250°F, 168 hr)	-6.0	%	
Change in Ultimate Elongation in Air ² (250°F, 168 hr)	-1.0	%	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity			ASTM D257
77°F	1.4E+14	ohms·cm	
194°F	1.5E+14	ohms·cm	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

Notes

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

² Air Aged Retention

