

Manner Flexible PVC V961 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	• Cable Jacketing • 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	1.35 to 1.39		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	1950	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	82 to 88		
Shore A, 15 sec	77 to 83		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ² (250°F, 168 hr)	-7.0	%	
Change in Ultimate Elongation in Air ² (250°F, 168 hr)	-3.0	%	
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

