

Manner Flexible PVC V968 BLK580

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 60°C jacketing compound for Aerial Service Wire. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Uses	Cable Jacketing		
	Wire & Cable Applications		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	87 to 93		
Shore A, 15 sec	82 to 88		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ¹	10.0	MPa	ASTM D638
Tensile Strength ²	17.9	MPa	ASTM D638
Tensile Elongation ³ (Break)	380	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ⁴ (100°C, 168 hr)	-8.0	%	UL 1581
Change in Ultimate Elongation in Air ⁵ (100°C, 168 hr)	-10	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-38.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
NOTE			
1.	Unaged Dumbbells: .075 inch		
2.	Unaged Dumbbells: .075 inch		
3.	Unaged Dumbbells: .075 inch		
4.	Air Retention: .075 inch		
5.	Air Retention: .075 inch		

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