

# Manner Flexible PVC V941 BLK 580 AF

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 75°C Communication Jacketing compound suitable for fiber optic cables containing an antifungal additive and a UV stabilizer. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Additive	Antimicrobial (Fungicide)		
	UV Stabilizer		
Features	Fungus Resistant		
	Good UV Resistance		
Uses	Cable Jacketing		
	Communication Cable Jacketing		
	Communication Wire Jacketing		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31 to 1.35	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	56 to 62		
Shore D, 15 sec	45 to 51		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	20.7	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>1</sup> (100°C, 240 hr)	-2.0	%	UL 1581
Change in Ultimate Elongation in Air <sup>2</sup> (100°C, 240 hr)	-4.0	%	UL 1581
Retention of Tensile Elongation - 1500 hrs QUVA	-15	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863
NOTE			
1.	Air Aged Retention		

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#### Recommended distributors for this material

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