

Manner Flexible PVC V941 BLK 580 AF

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

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

Material Status	• Commercial: Active		
Availability	• North America		
Additive	• Antimicrobial (Fungicide)	• UV Stabilizer	
Features	• Fungus Resistant	• UV Resistant	
Uses	• Cable Jacketing	• Communication Cable Jacketing	• Communication Wire Jacketing
Appearance	• Black		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31 to 1.35		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			ASTM D2240
Shore D	56 to 62		
Shore D, 15 sec	45 to 51		
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 (212°F, 240 hr)	-2.0	%	UL 1581
Change in Ultimate Elongation in Air ² (212°F, 240 hr)	-4.0	%	UL 1581
Retention of Tensile Elongation - 1500 hrs QUVA	-15	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863

Notes

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

² Air Aged Retention

