

## Manner Flexible PVC V968 BLK580

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: 60°C jacketing compound for Aerial Service Wire. 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
Appearance	• Black

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32 to 1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>2</sup>	1450	psi	ASTM D638
Tensile Strength <sup>2</sup>	2600	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	87 to 93		
Shore A, 15 sec	82 to 88		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-36.4	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup> (212°F, 168 hr)	-8.0	%	UL 1581
Change in Ultimate Elongation in Air <sup>3</sup> (212°F, 168 hr)	-10	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Unaged Dumbbells: .075 inch

<sup>3</sup> Air Retention: .075 inch

