

Manner Flexible PVC V891B BCLK580

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 ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.21 to 1.25		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ²	2100	psi	ASTM D638
Tensile Strength ²	3500	psi	ASTM D638
Tensile Elongation ² (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	84 to 90		
Shore A, 15 sec	77 to 83		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-58.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (212°F, 168 hr)	10	%	UL 1581
Change in Ultimate Elongation in Air ³ (212°F, 168 hr)	-15	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

Notes

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

² Unaged Dumbbell: .03 inch

³ Air Aged: .03 inch

