Manner Flexible PVC V962 NAT601/BLK 580

Manner Polymers - *Flexible Polyvinyl Chloride*

General Information

Product Description

Recommended Applications: General Purpose Tray Cable Jacket . This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General			
Material Status	• Commercial: Active		
Availability	• North America		
Features	• General Purpose		
Uses	• Cable Jacketing	• General Purpose	• Wire & Cable Applications
Appearance	• Black	• Natural Color	

Properties [1]

Physical	**Nominal Value**	**Unit**	**Test Method**
Density / Specific Gravity	1.36 to 1.40		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus - 100% Secant	1400	psi	ASTM D638
Tensile Strength	2500	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
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] (250°F, 336 hr)	-3.0	%	UL 1581
Change in Ultimate Elongation in Air [2] (250°F, 336 hr)	-4.0	%	UL 1581
Change in Tensile Strength (158°F, 4 hr, in IRM 902 Oil)	-3.0	%	
Change in Ultimate Elongation (158°F, 4 hr, in IRM 902 Oil)	5.0	%	
Flammability	**Nominal Value**	**Unit**	**Test Method**
Oxygen Index	27	%	ASTM D2863

Notes

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

[2] Air Retention: .06 inch

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