

# Manner Flexible PVC X3732B NAT601

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

## Message:

Recommended Applications: Lead free, general purpose tubing, profile extrusion and injection molding compound. This compound contains a UV inhibitor and an antifungal additive. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Additive	Antimicrobial (Fungicide)		
	UV Stabilizer		
Features	Fungus Resistant		
	General Purpose		
	Good UV Resistance		
	Low (to None) Lead Content		
Uses	General Purpose		
	Profiles		
	Tubing		
Appearance	Natural Color		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36 to 1.40	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	92 to 98		
Shore A, 15 sec	85 to 91		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>1</sup>	11.0	MPa	ASTM D638
Tensile Strength <sup>2</sup>	18.4	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	340	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>4</sup> (100°C, 168 hr)	-4.0	%	UL 1581
Change in Ultimate Elongation in Air <sup>5</sup> (100°C, 168 hr)	5.0	%	UL 1581
NOTE			
1.	Unaged Dumbbells: .06 inch		

2.	Unaged Dumbbells: .06 inch
3.	Unaged Dumbbells: .06 inch
4.	Air Retention: .03 inch
5.	Air Retention: .03 inch

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#### Recommended distributors for this material

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