

Manner Flexible PVC P8170

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

85°C General Purpose Extrusion Profile Compound. Designed for applications requiring Ford Material Specification ESB-M4D-103A. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	General Purpose		
Uses	Profiles		
RoHS Compliance	RoHS Compliant		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21 to 1.25	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	72		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	17.2	MPa	ASTM D638
Tensile Elongation (Break)	460	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	50.3	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (70°C, 4 hr, in Oil)	-10	%	ASTM D471
Change in Ultimate Elongation (70°C, 4 hr, in Oil)	-11	%	ASTM D471
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-43.0	°C	ASTM D746
Additional Information	Nominal Value	Test Method	
Aging ¹ (102°C)	Pass	Ford ESB-M4D103-A	
Cold Properties ² (-40°C)	Pass	Ford ESB-M4D103-A	
NOTE			
1.	70 hr		
2.	72 hr		

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Recommended distributors for this material

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