

Manner Flexible PVC X3740 BLK580

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: Non-Lead Stabilized 125°C Tubing Extrusion Compound. This compound is RoHS compliant.

General Information			
Features	Low (to None) Lead Content		
Uses	Tubing		
Appearance	Black		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25 to 1.29	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	77 to 83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	20.0	MPa	ASTM D638
Tensile Elongation ² (Break)	400	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (150°C, 240 hr)	2.0	%	UL 1581
Change in Ultimate Elongation in Air ⁴ (150°C, 240 hr)	-4.0	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-48.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	170 to 180	°C	
Cylinder Zone 3 Temp.	170 to 180	°C	
Cylinder Zone 5 Temp.	170 to 180	°C	
NOTE			
1.	Unaged Dumbbells: .03 inch		
2.	Unaged Dumbbells: .03 inch		
3.	Air Retention: .03 inch		
4.	Air Retention: .03 inch		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

