

Axial PVC 18731

Flexible Polyvinyl Chloride

Axial Corporation

Message:

Non-lead stabilized, 720 hour sunlight resistant, 105 C rated jacket compound with good low temperature performance.

General Information			
Features	Low Temperature Resistant		
	Sunlight Resistant (720 hours)		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ¹ (Shore A)	70 to 76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	16.5	MPa	
100% Strain	6.89	MPa	
Tensile Elongation (Break)	340	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ² (136°C, 168 hr)	-28	%	UL 1581
Change in Ultimate Elongation ³ (60°C, 168 hr, in IRM 902 Oil)	-22	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	182	°C	
NOTE			
1.	Delayed		
2.	30 mil slab		
3.	30 mil slab		

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



WECHAT