

Axial PVC 19451

Flexible Polyvinyl Chloride

Axial Corporation

Message:

105C rated, TW compound also recognized by UL for VW-1 and 720 hr sunlight resistance applications. The unique properties of 19451 provide good barrel packing for the manufacturer.
Recognitions and Approval
QMTT2 compound recognized by UL for TW, VW-1, Oil I and 720 hr. sunlight resistance

General Information			
Wire Types	TW		
	VW-1		
Processing Method	Wire & Cable Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35 to 1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 3 sec)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	16.9	MPa	ASTM D638
Tensile Strength	20.7	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (136°C, 168 hr)	-20	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-31.7	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	
NOTE			
1.	30 mil thickness		

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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

