

EVICOM™ GH1/119

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

EVICOM™ GH1/119 is a Flexible Polyvinyl Chloride material. It is available in Europe for extrusion.

Important attributes of EVICOM™ GH1/119 are:

Good Aesthetics

Good Flexibility

Heat Resistant

Typical application of EVICOM™ GH1/119: Wire & Cable

General Information			
Features	Good Flexibility		
	Good Surface Finish		
	High Heat Resistance		
	Low (to None) Lead Content		
Uses	Wire & Cable Applications		
	Wire Jacketing		
Agency Ratings	BS 7655 Section 4.2: 2000. Types 5 & 4. Section 3.1: 1997. Type T13		
	CSA Unspecified Rating		
	UL Unspecified Rating		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	BS 2782 620A
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	92		BS 2782 365B
BS Softness	18		BS 2782 365A
Cold Bend	-30	°C	BS 2782 151A
Cold Flexibility	-13	°C	BS 2782 150B
Heat Stability (200°C)	6.7	hr	BS EN 60811-3-3.2
Insulation Resistance Constant - K-value (23°C)	920	Mohms · km	
Loss of Mass - 14 days (115°C)	0.600	mg/cm ²	BS EN 60811-3-3.2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.2	MPa	BS EN 60811-1-1.1
Tensile Strain (Break)	250	%	BS EN 60811-1-1.1
Aging	Nominal Value	Unit	Test Method

Change in Tensile Strength in Air (135°C, 336 hr)	6.0	%	BS EN 60811-1-1.2
Change in Tensile Strain at Break in Air (135°C, 336 hr)	20	%	BS EN 60811-1-1.2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.5E+14	ohms·cm	BS 2782 230A

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Recommended distributors for this material

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