

Hy-Vin® VT247

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Description: Flexible opaque PVC extrusion compound.
Colour: Natural.
Application: High temperature sheathing electric blankets
Specification:
Cables to BS7655: Type 7, & UL1581: UL 105°C
Sleeving to BS2848: Class 105T

General Information			
Features	Good Flexibility		
	High Heat Resistance		
Uses	Insulation		
	Wire & Cable Applications		
	Wire Jacketing		
Agency Ratings	BS 2848		
	BS 7655		
	UL 1581		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
	Opaque		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.35	g/cm ³	BS 2782
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec, 23°C)	71		BS 2782
BS Softness	49		BS 2782
Cold Flexibility	-33	°C	BS 2782
Head Temperature	160	°C	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ² (Yield)	14.0	MPa	IEC 811-1-1
Tensile Strain ³ (Break)	270	%	IEC 811-1-1
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+13	ohms · cm	BS 2782
Flammability	Nominal Value	Unit	Test Method

Oxygen Index	24	%	ISO 4589-2
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	150	°C	
Cylinder Zone 2 Temp.	150	°C	
Cylinder Zone 3 Temp.	155	°C	
Cylinder Zone 4 Temp.	155	°C	
Die Temperature	165	°C	
NOTE			
1.	Natural, varies with colour		
2.	250 mm/min		
3.	250 mm/min		

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