

Hy-Vin® XN77970

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Opaque flexible non lead stabilised PVC extrusion compound
2002/95/EC (RoHS) compliant
Colour: Natural and colours
Application: Soft general purpose cable sheathing and extrusion grade
"Not for use in Toys or Child care articles which can be placed in the mouth by children. EU directive 2005/84/EC"
Specification: Cable to BS 7655 TM2 & 6

General Information			
Additive	Unspecified Stabilizer		
Features	Low (to None) Lead Content		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Agency Ratings	BS 7655		
	EU 2005/84/EC		
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
	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)	64		BS 2782
BS Softness	64		BS 2782
Head Temperature	160	°C	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ² (Yield)	11.0	MPa	ISO 811-1-1
Tensile Strain ³ (Break)	330	%	ISO 811-1-1
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	7.0E+12	ohms · cm	BS 2782
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	150	°C	
Cylinder Zone 2 Temp.	150	°C	

Cylinder Zone 3 Temp.	150	°C
Cylinder Zone 4 Temp.	150	°C
Die Temperature	160	°C

NOTE		
1.	Natural, varies with colour	
2.	250 mm/min	
3.	250 mm/min	

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