

Hy-Vin® XH79214

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Description: Flexible PVC medical extrusion compound - TOTM Plasticised

Colour: Clear and Tints

Application: Extraction Resistant Tubing

Specification: When extruded under appropriate conditions material expected to comply with requirements of BS2463, Freedom from Toxicity, chemical toxicity requirements of European Pharmacopoeia monograph 3.1.2 and US Pharmacopoeia biological tests for plastics.

Form: Granules

General Information			
Features	Good Flexibility		
	Non-Phthalate - TOTM Plasticizer		
	Non-Toxic		
Uses	Medical/Healthcare Applications		
	Tubing		
Agency Ratings	BS 2463		
	EP Monograph 3.1.2		
Appearance	Clear/Transparent		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.19	g/cm ³	BS 2782
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec, 23°C)	68		BS 2782
BS Softness - BSS°	56		BS 2782
Cold Flexibility	-36	°C	BS 2782
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	17.6	MPa	BS 2782
Tensile Elongation ³ (Break)	370	%	BS 2782
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	135	°C	
Cylinder Zone 2 Temp.	145	°C	
Cylinder Zone 3 Temp.	155	°C	
Cylinder Zone 4 Temp.	170	°C	
NOTE			
1.	Clear42, varies with colour		
2.	500 mm/min		

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