

Hy-Vin® XJ80408

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Description: Non-DEHP Anti bacterial Flexible PVC medical moulding compound.

Colour: Clear and Tints

Application: Superior Hygiene Moulding applications, e.g Face Masks

Specification:

When extruded under appropriate conditions material complies with the requirements of BS2463, Freedom from Toxicity, which has been extended to measure Zinc content and UV absorption,

Uses Silver ion Technology demonstrating resistance to Klebsiella Pneumoniae, and Methicillin Resistant Staphylococcus Aureus (MRSA)

Contains the Biocidal Product Silver-Magnesium-Aluminium-Phosphorus Complex

Form: Granules

General Information			
Features	Bacteria Resistant		
	Good Flexibility		
	Non-DEHP Plasticizer		
	Non-Toxic		
Uses	Medical/Healthcare Applications		
Agency Ratings	BS 2463		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.23	g/cm ³	BS 2782
Molding Shrinkage ²	1.0 to 1.5	%	BS 2782
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec, 23°C)	75		BS 2782
BS Softness	46		BS 2782
Cold Flexibility	-19	°C	BS 2782
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ³	15.2	MPa	BS 2782
Tensile Elongation ⁴ (Break)	320	%	BS 2782
Injection	Nominal Value	Unit	
Rear Temperature	150	°C	
Middle Temperature	160	°C	
Front Temperature	165	°C	
Nozzle Temperature	175	°C	
NOTE			
1.	Varies with colour		
2.	Mould Shrinkage is for design purpose only as it is dependant on Processing variables.		

3.	500 mm/min
4.	500 mm/min

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Recommended distributors for this material

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