

Hy-Vin® VT662

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Description: Clear flexible PVC extrusion compound
Colour: Clear and tints
Application: Low toxicity, repeat use non-fatty food contact and general purpose extrusions. "Not for use in Toys or Child care articles. EU Directive 2005/84/EC"
Specification: The additives used in this compound are approved for food contact use by the US F&DA & BGA.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Low Toxicity		
Uses	General Purpose		
Agency Ratings	BGA Food Contact, Unspecified Rating		
	EU 2005/84/EC		
	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
	Colors Available		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.21	g/cm ³	BS 2782
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec, 23°C)	63		BS 2782
BS Softness	65		BS 2782
Cold Bend	< -45	°C	BS 2782
Cold Flexibility	-32	°C	BS 2782
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ² (Yield)	14.2	MPa	BS 2782
Tensile Strain ³ (Break)	390	%	BS 2782
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	135	°C	
Cylinder Zone 2 Temp.	145	°C	
Cylinder Zone 3 Temp.	155	°C	
Die Temperature	170	°C	
NOTE			

1.	Clear 181, varies with colour
2.	500 mm/min
3.	500 mm/min

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