

Hy-Vin® VT744/5

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Description: Clear flexible PVC extrusion compound
Colour: Clear and tints
Application: Low toxicity and taint (phenol free) food contact and general purpose extrusions (Not Suitable for fatty foods)
Specification: This compound contains raw materials approved for use in food contact applications and complies with national regulations for freedom from toxicity. The raw materials used in this compound are approved for food contact use by the US FDA.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Low Toxicity		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
	Colors Available		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.23	g/cm ³	BS 2782
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec, 23°C)	74		BS 2782
BS Softness	47		BS 2782
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ² (Yield)	15.1	MPa	BS 2782
Tensile Strain ³ (Break)	320	%	BS 2782
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	150	°C	
Cylinder Zone 2 Temp.	155	°C	
Cylinder Zone 3 Temp.	165	°C	
Cylinder Zone 4 Temp.	175	°C	
NOTE			
1.	Clear 181, varies with colour		
2.	500 mm/min		
3.	500 mm/min		

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