

# Hy-Vin® VT575/2

Flexible Polyvinyl Chloride

INEOS Compounds

## Message:

Description: Clear flexible, Non-phthalate PVC extrusion compound

Colour: Clear and tints

Application: Low toxicity, food contact and general purpose extrusions.

Specification: Additives used in this compound are listed for food contact use by US FDA + BGA. Material complies with the migration requirements of 2002/72/EC and its amendments

Form: Granules

General Information			
Features	Low toxicity		
	Good flexibility		
	Soft		
	Compliance of Food Exposure		
Agency Ratings	BGA Food Contact, Unspecified Rating		
	FDA Food Exposure, Not Rated		
	European 2002/72/EC		
Appearance	Available colors		
	Clear/transparent		
Forms	Particles		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	1.19	g/cm <sup>3</sup>	BS 2782
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, 23°C)	59		BS 2782
BS Softness - BSS°	74		BS 2782
Cold Flexibility	-44	°C	BS 2782
Migration <sup>2</sup>			EN 1186-3
50% Ethanol, 1 hour : 40°C	2.10	mg/dm <sup>2</sup>	EN 1186-3
50% Ethanol, 10 mins : 40°C	1.10	mg/dm <sup>2</sup>	EN 1186-3
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress <sup>3</sup> (Yield)	11.8	MPa	BS 2782
Tensile Strain <sup>4</sup> (Break)	350	%	BS 2782
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	130	°C	
Cylinder Zone 2 Temp.	135	°C	

Cylinder Zone 3 Temp.	145	°C
Die Temperature	150	°C
NOTE		
1.	Varies with colour	
2.	Material tested to current EC regulations (directive 2002/72/EC and its amendments) using a total immersion method (EN1186, part 3) in 50% ethanol at 40°C for time periods of 10 mins and 1 hour.	
3.	500 mm/min	
4.	500 mm/min	

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#### Recommended distributors for this material

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