

Hy-Vin® VT575/1

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Description: Clear flexible PVC extrusion compound

Colour: Clear and tints

Application: Low toxic / Repeat use non-fatty food products - "Not for use in Toys or Child care articles. EU Directive 2005/84/EC"

General Information			
Features	Low Toxicity		
Agency Ratings	EU 2005/84/EC		
Appearance	Clear/Transparent		
	Colors Available		
Forms	Pellets		
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)	59		BS 2782
BS Softness	74		BS 2782
Cold Flexibility	-36	°C	BS 2782
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ² (Yield)	14.1	MPa	BS 2782
Tensile Strain ³ (Break)	410	%	BS 2782
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	135	°C	
Cylinder Zone 2 Temp.	150	°C	
Cylinder Zone 3 Temp.	150	°C	
Cylinder Zone 4 Temp.	150	°C	
Die Temperature	180	°C	
NOTE			
1.	varies with colour		
2.	500 mm/min		
3.	500 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

