

Hy-Vin® VR820

Rigid Polyvinyl Chloride

INEOS Compounds

Message:

Rigid PVC Extrusion Compound

Colour: White

Characteristics: Easy Processing, Medium impact material

Flammability Meets BS 476-7: Class 1 requirements*

Application: General Purpose Profiles for Internal & External Applications

General Information			
Features	Good Processability		
	Medium Impact Resistance		
Uses	General Purpose		
	Profiles		
Agency Ratings	BS 476 Part 7, Class I		
Appearance	White		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.50	g/cm ³	BS 2782
Water Absorption (Equilibrium, 23°C, 50% RH)	0.080	%	BS 2782 430A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ² (Yield)	40.0	MPa	BS 2782
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	76.0	°C	BS 2782 ³
Flammability	Nominal Value	Test Method	
Flame Rating ⁴	V-0	UL 94	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	170	°C	
Cylinder Zone 2 Temp.	170	°C	
Cylinder Zone 3 Temp.	175	°C	
Die Temperature	180	°C	
NOTE			
1.	varies with colour		
2.	50 mm/min		
3.	B (50N)		
4.	Does not have UL listing		

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