

Prime 5490 WH 41

Rigid Polyvinyl Chloride

Prime PVC®

Message:

Exterior high impact profile, extrusion compound PVC.

General Information			
Features	Good Impact Resistance		
Uses	Profiles		
Appearance	White		
Forms	Pellets		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2550	MPa	ASTM D638
Tensile Strength (Yield)	42.7	MPa	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Flexural Strength (Yield)	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
CLTE - Flow	5.8E-5	cm/cm/°C	ASTM D696

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