

Prime 4516

Rigid Polyvinyl Chloride

Prime PVC®

Message:

Prime 4516 is a Rigid Polyvinyl Chloride material. It is available in North America for extrusion. Primary attribute of Prime 4516: Impact Resistant.

General Information			
Features	Good Impact Resistance		
Uses	Profiles		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3140	MPa	ASTM D638
Tensile Strength (Yield)	42.1	MPa	ASTM D638
Flexural Modulus	2960	MPa	ASTM D790
Flexural Strength (Yield)	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	910	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648

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Recommended distributors for this material

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