

Prime 3590

Rigid Polyvinyl Chloride

Prime PVC®

Message:

Prime 3590 is a Rigid Polyvinyl Chloride material. It is available in North America for injection molding.

Important attributes of Prime 3590 are:

High Gloss

Impact Resistant

General Information			
Features	Good Flow		
	Good Impact Resistance		
	High Gloss		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2830	MPa	ASTM D638
Tensile Strength (Yield)	42.7	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength (Yield)	86.2	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

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Recommended distributors for this material

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