

# Prime 5070 CLR 01

Rigid Polyvinyl Chloride

Prime PVC®

## Message:

Prime 5070 CLR 01 is a Rigid Polyvinyl Chloride material. It is available in North America for profile extrusion.

Important attributes of Prime 5070 CLR 01 are:

Fast Molding Cycle

Good Toughness

High Flow

Warp Resistant

Typical applications include:

Appliances

Automotive

Business/Office Goods

Construction Applications

Electrical/Electronic Applications

General Information			
Features	Fast Molding Cycle		
	Good Toughness		
	High Flow		
	Warp Resistant		
Uses	Appliances		
	Automotive Applications		
	Batteries		
	Business Equipment		
	Construction Applications		
	Furniture		
	Profiles		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	79		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2690	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Modulus	2550	MPa	ASTM D790
Flexural Strength (Yield)	82.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact	850	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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#### Recommended distributors for this material

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