

DESCRIPTION

Absolac ® 320 is an easy-flow, standard impact, refrigerant injection molding grade suitable for appliances sector.

FEATURES

- Good chemical resistance
- Refrigeration grade
- Good flow
- Balance mechanical properties

APPLICATIONS

- Refrigerator parts
- End cap
- Washing machine parts
- Water Purifiers

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ISO 1133	g/10 min	16
Mechanical Properties			
Izod Notched Impact Strength, 1/4" bar, 0.010" Notch Radius, 23 °C (73 °F)	-	-	20
Tensile Stress at Yield, 23 °C	ISO 527	MPa	52
Tensile Modulus (MD)	ISO 527	MPa	2600
Flexural Strength, 23 °C	ISO 178	MPa	75
Flexural Modulus, 23 °C	ISO 178	MPa	2700
Hardness, Rockwell	ISO 2039-2	R scale	110
Thermal Properties			
Vicat Softening Temperature, B/2 (120 °C/h, 50N)	ASTM D 1525	°C	98
Heat Deflection Temperature A; (annealed 4 h/80 °C; 1.8 MPa)	ISO 75	°C	93
Other Properties			
Density	ISO 1183	kg/m ³	1040

Typical values for uncolored products

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