

IRPC[®] 3342M

CHARACTERISTICS: HIGH CLARITY, GOOD FLOW, GOOD PROCESSABILITY

APPLICATIONS: INJECTION MOLDING, INJECTION STRETCH BLOW MOLDING (ISBM) FOR FOOD CONTAINERS, BOTTLES, HOUSEWARES, CRATES

Physical Properties	Metric	English	Comments
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 230 °C	9.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	94	94	ASTM D785

Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Yield	36.5 %	36.5 %	ASTM D638

Flexural Modulus, 1% Secant	1080 MPa	157000 psi	ASTM D790
Izod Impact, Notched	0.420 J/cm @Temperature 23.0 °C	0.787 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	83.0 °C	181 °F	ASTM D648

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 230 °C	356 - 446 °F	