

IRPC[®] 3342R

CHARACTERISTICS: HIGH CLARITY, HIGH FLOW, GOOD PROCESSABILITY

APPLICATIONS: INJECTION MOLDING FOR FOOD CONTAINERS, HOUSEWARES, CRATES

Physical Properties	Metric	English	Comments
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 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	35 %	35 %	ASTM D638

Flexural Modulus, 1% Secant	1080 MPa	157000 psi	ASTM D790
Izod Impact, Notched	0.380 J/cm @Temperature 23.0 °C	0.712 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	

