

PrimaFlex® HI 0803

High Impact Polystyrene

Plastic Solutions, Inc.

Message:

Description: HI 0803 is a high impact polystyrene for injection molding.

General Information			
Features	Food Contact Acceptable Good Processability Good Toughness High Impact Resistance High Rigidity		
Uses	Business Equipment Consumer Applications Electrical/Electronic Applications Household Goods Housings		
Agency Ratings	FDA 21 CFR 177.1640		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1860	MPa	ASTM D638
Tensile Strength (Yield)	22.3	MPa	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Flexural Strength	39.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.2	°C	ASTM D648
Vicat Softening Temperature	97.8	°C	ASTM D1525

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Recommended distributors for this material

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