

PrimaFlex® HH 1600

Specialty Polystyrene
Plastic Solutions, Inc.

Message:

Description: HH 1600 is a high molecular weight, low melt flow, high heat crystal.

General Information			
Features	Crystalline		
	Foamable		
	Food Contact Acceptable		
	Good Melt Strength		
	High Heat Resistance		
	High Molecular Weight		
	High Stiffness		
	Low Flow		
Uses	Foam		
	Insulation		
Agency Ratings	FDA 21 CFR 177.1640		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2960	MPa	ASTM D638
Tensile Strength (Yield)	52.4	MPa	ASTM D638
Flexural Modulus	2960	MPa	ASTM D790
Flexural Strength	97.9	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648
Vicat Softening Temperature	99.4	°C	ASTM D1525

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