

Bormed™ HF840MO

PP

Borealis A/S

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	19	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	29.5	MPa	ISO 527
Yield strain	11	%	ISO 527
Flexural modulus, 23°C	1250	MPa	ISO 178
Charpy notched impact strength, +23°C	3	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	160	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	905	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	210 - 260	°C	-
Mold temperature	30 - 40	°C	-
Holding pressure	20 - 50	MPa	-

Characteristics**Processing**

Injection Molding

Additives

Antiblocking agent

Special Characteristics

Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization

Features

Low Warpage, Tribologic Grade, Homopolymer

Certifications

Medical Grade, Device Master File

Applications

Medical, Packaging

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa