

HF136MO

PP

Borealis A/S

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	34	MPa	ISO 527
Yield strain	9	%	ISO 527
Flexural modulus, 23°C	1300	MPa	ISO 178
Charpy notched impact strength, +23°C	3	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
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	230 - 260	°C	-
Mold temperature	10 - 30	°C	-
Holding pressure	20 - 50	MPa	-

Characteristics**Processing**

Injection Molding

Features

Low Warpage, Homopolymer

Certifications

Food contact

Regional Availability

Europe