

PP 2181

PP

MBA Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	35	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	18	MPa	ISO 527
Flexural modulus, 23°C	950	MPa	ISO 178
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	81	°C	ISO 75-1/-2
Vicat softening temperature, A	139	°C	ISO 306
Vicat softening temperature, B	63.6	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	945	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	190 - 220	°C	-
Mold temperature	30 - 60	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	180 - 210	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Certifications

Recycled Resin Content

Features

Copolymer

Regional Availability

North America, Europe, Asia Pacific