

BD265MO

PP

Borouge

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Yield strain	6	%	ISO 527
Flexural modulus, 23°C	1250	MPa	ISO 178
Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 87	-	ISO 2039-2
ASTM Data			
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	110	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	142	°C	ISO 306

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	220 - 260	°C	-
Mold temperature	10 - 40	°C	-
Holding pressure	20 - 50	MPa	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Features

Nucleated, Copolymer

Certifications

Food contact

Regional Availability

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