

HE125MO

PP

Borouge

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1550	MPa	ISO 527
Yield stress	34.5	MPa	ISO 527
Yield strain	9	%	ISO 527
Flexural modulus, 23°C	1550	MPa	ISO 178
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 105	-	ISO 2039-2
ASTM Data			
Izod Impact notched, 1/8 in	35	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	88	°C	ISO 75-1/-2
Vicat softening temperature, A	145	°C	ISO 306
Other properties			
Density	905	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Melt temperature	220 - 260	°C	-
Mold temperature	20 - 40	°C	-
Holding pressure	20 - 50	MPa	-

Characteristics**Processing**

Injection Molding

Features

Homopolymer

Certifications

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

Regional Availability

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