

**HC205TF**

PP

Borouge

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>4</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>1750</b>	MPa	ISO 527
Yield stress	<b>35.5</b>	MPa	ISO 527
Yield strain	<b>8</b>	%	ISO 527
Flexural modulus, 23°C	<b>1750</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	<b>R 106</b>	-	ISO 2039-2
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	<b>40</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>107</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>145</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>905</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Thermoforming

**Special Characteristics**

Transparent

**Features**

Blending Resin, Nucleated, Homopolymer

**Certifications**

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

**Applications**

Packaging

**Regional Availability**

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