

**RG468MO**

PP

Borouge

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	30	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	1100	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	12	%	ISO 527
Flexural modulus, 23°C	1150	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	R 92	-	ISO 2039-2
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	50	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	75	°C	ISO 75-1/-2
Vicat softening temperature, A	125	°C	ISO 306
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	20	%	ASTM D 1003
<b>Other properties</b>			
Density	905	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Melt temperature	220 - 260	°C	-
Mold temperature	15 - 40	°C	-
Holding pressure	20 - 50	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static, High impact or impact modified, Transparent

**Features**

No Plateout, Non Blooming, Nucleated, Copolymer, Random Copolymer

**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