

**INFINO HN-1064IA**

PC

Lotte Chemical Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>17</b>	g/10min	ISO 1133
Temperature	<b>250</b>	°C	-
Load	<b>10</b>	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>17</b>	g/10min	ASTM D 1238
Temperature	<b>250</b>	°C	-
Load	<b>10</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>55</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>1700</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>65</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	<b>65</b>	kJ/m <sup>2</sup>	ISO 180/1A
Rockwell hardness	<b>R 117</b>	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>57</b>	MPa	ASTM D 638
Flexural Modulus	<b>1700</b>	MPa	ASTM D 790
Flexural Strength	<b>77</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 117</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>740</b>	J/m	ASTM D 256
Izod Impact notched, 1/4 in	<b>640</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Vicat softening temperature, B	<b>143</b>	°C	ISO 306
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
<b>Other properties</b>			
<b>Value</b>			
Density	<b>1180</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1180</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Special Characteristics**

Flame retardant

**Regional Availability**

North America, Europe, Asia Pacific