

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	17	g/10min	ISO 1133
Temperature	250	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Melt Flow Index, MFI	17	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0055	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	60	MPa	ISO 527
Stress at break	55	MPa	ISO 527
Strain at break	92	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Flexural strength	95	MPa	ISO 178
Rockwell hardness	R 119	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Modulus	2000	MPa	ASTM D 638
Tensile Strength at Yield	64	MPa	ASTM D 638
Tensile Strength at Break	59	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	2200	MPa	ASTM D 790
Flexural Strength	94	MPa	ASTM D 790
Rockwell Hardness	R 119	-	ASTM D 785
Izod Impact notched, 1/8 in	49	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	123	°C	ISO 75-1/-2
Vicat softening temperature, B	144	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	2.0	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	2	mm	-
DTUL @ 264 psi	130	°C	ASTM D 648
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	2	%	ASTM D 1003
Light Transmittance	85	%	ASTM D 1003
<b>Other properties</b>			
Density	1200	kg/m <sup>3</sup>	ISO 1183
Density	1200	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Extrusion</b>			
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	2 - 6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	290	°C	-

**INFINO TH-1100**

PC

Lotte Chemical Corporation

Mold temperature	<b>40 - 120</b>	°C	-
Zone 1	<b>220 - 230</b>	°C	-
Zone 2	<b>240 - 280</b>	°C	-
Zone 3	<b>260 - 300</b>	°C	-
Nozzle temperature	<b>290</b>	°C	-

**Characteristics****Processing**

Other Extrusion

**Applications**

Electrical and Electronical

**Delivery form**

Pellets, Natural Color

**Regional Availability**

North America, Europe, Asia Pacific