

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	330	°C	-
Load	2.16	kg	-
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	330	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0065	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	170	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	10600	MPa	ISO 178
Flexural strength	210	MPa	ISO 178
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	8.3	kJ/m ²	ISO 180/1A
Rockwell hardness	R 122	-	ISO 2039-2
ASTM Data			
Tensile Strength at Break	170	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	9800	MPa	ASTM D 790
Flexural Strength	220	MPa	ASTM D 790
Rockwell Hardness	R 122	-	ASTM D 785
Izod Impact notched, 1/4 in	69	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	290	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	0.4	mm	-
DTUL @ 264 psi	290	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	500	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1450	kg/m ³	ISO 1183
Density	1450	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	320	°C	-
Mold temperature	100 - 140	°C	-
Zone 1	280 - 290	°C	-
Zone 2	300 - 310	°C	-
Zone 3	320 - 330	°C	-

INFINO HX-4300G

PPA-GF

Lotte Chemical Corporation

Nozzle temperature	330	°C	-
Screw speed	50 - 150	rpm	-
Injection pressure	110	MPa	-
Back pressure	0.5 - 2	MPa	-

Characteristics**Processing**

Injection Molding

Applications

Electrical and Electronical

Delivery form

Pellets, Natural Color

Regional Availability

North America, Europe, Asia Pacific