

**HNB0225G4M**

(PA6+ABS)-(GF+MX)40

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	38	g/10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	83	MPa	ISO 527
Flexural modulus, 23°C	5000	MPa	ISO 178
Flexural strength	120	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	110	°C	ISO 75-1/-2
Vicat softening temperature, B	130	°C	ISO 306
Burning rate, FMVSS, Thickness 1 mm	80	mm/min	ISO 3795 (FMVSS 302)

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	1E14	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1500	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	230 - 250	°C	-
Mold temperature	60 - 90	°C	-
Zone 1	190 - 210	°C	-
Zone 2	210 - 220	°C	-
Zone 3	220 - 240	°C	-
Nozzle temperature	230 - 250	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Asia Pacific

**Special Characteristics**

Anti-static, High impact or impact modified