

HNB0270

(PA6+ABS)

Shanghai Kumho Sunny Plastics Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	35	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	45	MPa	ISO 527
Flexural modulus, 23°C	1750	MPa	ISO 178
Flexural strength	60	MPa	ISO 178
Charpy notched impact strength, +23°C	45	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	98	°C	ISO 75-1/-2
Vicat softening temperature, B	108	°C	ISO 306
Burning rate, FMVSS, Thickness 1 mm	80	mm/min	ISO 3795 (FMVSS 302)
Other properties			
Density	1070	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.05	%	-
Melt temperature	230 - 240	°C	-
Mold temperature	60 - 90	°C	-
Zone 1	190 - 220	°C	-
Zone 2	220 - 240	°C	-
Zone 3	220 - 240	°C	-
Nozzle temperature	230 - 250	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat