

**HAC8240B**

(PC+ABS)

Shanghai Kumho Sunny Plastics Co., Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.6</b>	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>7</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>10</b>	kg	-
Mold Shrinkage, MD	<b>0.006</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	<b>52</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>2200</b>	MPa	ISO 178
Flexural strength	<b>70</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>55</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>36</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	<b>52</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Strength	<b>45</b>	MPa	ASTM D 638
Elongation at Break	<b>80</b>	%	ASTM D 638
Flexural Modulus	<b>2000</b>	MPa	ASTM D 790
Flexural Strength	<b>65</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>650</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>95</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>110</b>	°C	ISO 306
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
DTUL @ 264 psi	<b>98</b>	°C	ASTM D 648
Vicat Temperature	<b>110</b>	°C	ASTM D 1525
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1E15</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>&gt;1E15</b>	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	<b>1110</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1100</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Other Extrusion, Blow Molding

**Special Characteristics**

High impact or impact modified

**Applications**

Automotive

**Regional Availability**

Asia Pacific