

**HU600PF**

ABS

Kumho Petrochemical Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>12</b>	g/10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
Molding shrinkage, parallel	<b>0.7</b>	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	<b>46</b>	MPa	ISO 527
Strain at break	<b>19</b>	%	ISO 527
Flexural modulus, 23°C	<b>2300</b>	MPa	ISO 178
Flexural strength	<b>69</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>14</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Izod impact strength, +23°C	<b>13</b>	kJ/m <sup>2</sup>	ISO 180/1U
Rockwell hardness	<b>R 106</b>	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>94</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>106</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>110</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-

Other properties	Value	Unit	Test Standard
Density	<b>1050</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

North America, Europe, Asia Pacific

**Applications**

Automotive