

**HAG 5220**

ABS-GF

Kumho Petrochemical Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>80</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>21.6</b>	kg	-
Mold Shrinkage, MD	<b>0.002</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>78.5</b>	MPa	ASTM D 638
Flexural Modulus	<b>3923</b>	MPa	ASTM D 790
Flexural Strength	<b>108</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 108</b>	-	ASTM D 785
Izod Impact unnotched, 1/4 in	<b>78.5</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
DTUL @ 264 psi	<b>100</b>	°C	ASTM D 648
Vicat Temperature	<b>115</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>1120</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

North America, Europe, Asia Pacific

**Applications**

Automotive