

HAG 5220FR

ABS-GF

Kumho Petrochemical Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	120	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	21.6	kg	-
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	78.5	MPa	ASTM D 638
Flexural Modulus	3923	MPa	ASTM D 790
Flexural Strength	98.1	MPa	ASTM D 790
Rockwell Hardness	R 107	-	ASTM D 785
Izod Impact unnotched, 1/4 in	58.7	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	95	°C	ASTM D 648
Vicat Temperature	112	°C	ASTM D 1525
Other properties			
Density	1250	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

North America, Europe, Asia Pacific

Applications

Electrical and Electrical