

HSP 8390

PP

Kumho Petrochemical Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	21.6	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	71.6	MPa	ASTM D 638
Flexural Modulus	2697	MPa	ASTM D 790
Flexural Strength	88.3	MPa	ASTM D 790
Rockwell Hardness	R 123	-	ASTM D 785
Izod Impact unnotched, 1/4 in	49.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	160	°C	ASTM D 648
Other properties			
Density	1050	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific

Applications

Electrical and Electronical