

ABS 750HC

ABS

Kumho Petrochemical Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	30	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	48	MPa	ASTM D 638
Flexural Modulus	2154	MPa	ASTM D 790
Flexural Strength	66.7	MPa	ASTM D 790
Rockwell Hardness	R 108	-	ASTM D 785
Izod Impact unnotched, 1/8 in	187	J/m	ASTM D 256
Izod Impact unnotched, 1/4 in	176	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	85	°C	ASTM D 648
Vicat Temperature	95	°C	ASTM D 1525
Other properties			
Density	1050	kg/m ³	ASTM D 792

Characteristics**Applications**

Electrical and Electrical

Regional Availability

North America, Europe, Asia Pacific