

**ABS 780U**

ABS

Kumho Petrochemical Co., Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>55</b>	g/10min	ASTM D 1238
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
Mold Shrinkage, MD	<b>0.0065</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>44.9</b>	MPa	ASTM D 638
Flexural Modulus	<b>2105</b>	MPa	ASTM D 790
Flexural Strength	<b>60.8</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 108</b>	-	ASTM D 785
Izod Impact unnotched, 1/8 in	<b>267</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/4 in	<b>214</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
DTUL @ 264 psi	<b>85</b>	°C	ASTM D 648
Vicat Temperature	<b>95</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>1040</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

U.V. stabilized or stable to weather

**Regional Availability**

North America, Europe, Asia Pacific

**Applications**

Electrical and Electrical