

HAB 8740

(ABS+PBT)

Kumho Petrochemical Co., Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|---------------|-------------------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 80 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 21.6 | kg | - |
| Mold Shrinkage, MD | 0.0065 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength | 46.1 | MPa | ASTM D 638 |
| Flexural Modulus | 1667 | MPa | ASTM D 790 |
| Flexural Strength | 63.7 | MPa | ASTM D 790 |
| Rockwell Hardness | R 105 | - | ASTM D 785 |
| Izod Impact unnotched, 1/4 in | 589 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.6 | mm | - |
| DTUL @ 264 psi | 90 | °C | ASTM D 648 |
| Other properties | | | |
| Density | 1130 | kg/m ³ | ASTM D 792 |

Characteristics**Special Characteristics**

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific

Applications

Automotive, General Purpose