

AES HW 600G

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 | 200 | °C | - |
| Load | 21.6 | kg | - |
| Mold Shrinkage, MD | 0.0055 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength | 53.9 | MPa | ASTM D 638 |
| Flexural Modulus | 2256 | MPa | ASTM D 790 |
| Flexural Strength | 64.7 | MPa | ASTM D 790 |
| Rockwell Hardness | R 104 | - | ASTM D 785 |
| Izod Impact unnotched, 1/4 in | 147 | 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 | 1040 | kg/m ³ | ASTM D 792 |

Characteristics**Regional Availability**

North America, Europe, Asia Pacific