

HAC 8290NH

(ABS+PC)

Kumho Petrochemical Co., Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 40 | g/10min | ASTM D 1238 |
| Temperature | 220 | °C | - |
| Load | 10 | kg | - |
| Mold Shrinkage, MD | 0.005 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------|--------------|------|---------------|
| ASTM Data | | | |
| Tensile Strength | 58.8 | MPa | ASTM D 638 |
| Flexural Modulus | 2256 | MPa | ASTM D 790 |
| Flexural Strength | 88.3 | MPa | ASTM D 790 |
| Rockwell Hardness | R 116 | - | ASTM D 785 |
| Izod Impact unnotched, 1/8 in | 589 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|------------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 1.6 | mm | - |
| DTUL @ 264 psi | 87 | °C | ASTM D 648 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------------|-------------------|---------------|
| Density | 1190 | kg/m ³ | ASTM D 792 |

Characteristics**Special Characteristics**

Flame retardant, Halogen-free

Regional Availability

North America, Europe, Asia Pacific

Applications

Electrical and Electrical