

Hybrid S466

(PC+ABS)

Ravago Manufacturing Americas

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|------------------------|-----------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 2.1 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 3.8 | kg | - |
| Molding shrinkage, parallel | 0.6 | % | ISO 294-4, 2577 |
| ASTM Data | | | |
| Melt Flow Index, MFI | 2.4 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 3.8 | kg | - |
| Mold Shrinkage, MD | 0.006 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ISO Data | | | |
| Yield stress | 56 | MPa | ISO 527 |
| Strain at break | >50 | % | ISO 527 |
| Flexural modulus, 23°C | 2350 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 48 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 37 | kJ/m ² | ISO 180/1A |
| Temperature | -20 | °C | - |
| ASTM Data | | | |
| Tensile Strength at Yield | 57.2 | MPa | ASTM D 638 |
| Tensile Strength at Break | 55.2 | MPa | ASTM D 638 |
| Elongation at Break | 70 | % | ASTM D 638 |
| Flexural Modulus | 2340 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 690 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 500 | J/m | ASTM D 256 |
| Temperature | -20 | °C | - |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 115 | °C | ISO 75-1/-2 |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.5 | mm | - |
| DTUL @ 264 psi | 113 | °C | ASTM D 648 |
| Other properties | | | |
| Density | 1140 | kg/m ³ | ISO 1183 |
| Water Absorption, 24hr | 0.1 | % | ASTM D 570 |
| Density | 1140 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black, Natural Color

Special Characteristics

High impact or impact modified

Applications

Automotive

Regional Availability

North America