

| Properties | Test method | Terms | Units | High Surface hardness | |
|---|------------------------------|----------------|------------------------|------------------------|--------------|
| | | | | KS2410UR | |
| | | | | Surface hardness 2H | |
| Physical properties | | | | | |
| Density | ISO 1183 | - | g/cm ³ | | 1.16 |
| Rheological properties | | | | | |
| Melt Volume-flow Rate | ISO 1133 | - | cm ³ /10min | | 10 |
| | | Test temp. | °C | | 300 |
| | | Test load | kg | | 1.20 |
| Moulding shrinkage (2mm) | - | MD | % | | 0.5-0.7 |
| | | TD | % | | 0.5-0.7 |
| Mechanical properties | | | | | |
| Tensile modulus | ISO 527-1,2 | - | MPa | | 2,700 |
| Yield stress | | | | 77 | |
| Yield strain | | | % | | 9 |
| Nominal strain at break | | | | 88 | |
| Stress at 50% strain | | | MPa | | - |
| Stress at break | | | | - | |
| Strain at break | % | | - | | |
| Flexural strength | ISO 178 | - | MPa | | 111 |
| Flexural modulus | | | | 2,700 | |
| Charpy impact strength | ISO 179-1, 2 | 23°C | kJ/m ² | | NB |
| Charpy notched impact strength | | 23°C | | | 3 |
| Thermal properties | | | | | |
| Melting point | ISO 11357-3 | - | °C | | - |
| Temperature of deflection under load | ISO 75-1, 2 | 1.80MPa | °C | | 103 |
| | | 0.45MPa | | | - |
| Coefficient of Linear thermal expansion | ISO 11359-2 | MD : -30~120°C | 1/°C | | - |
| | | MD : -30~35°C | | | - |
| | | MD : 35~120°C | | | - |
| | | TD : -30~120°C | | | - |
| | | TD : -30~35°C | | | - |
| TD : 35~120°C | | - | | | |
| Flammability | UL94 UL94 UL94 UL94 | - | - | | V-2(0.4mm)相当 |
| Electrical properties | | | | | |
| Relative permittivity | ISO62562 | 2.45 GHz | - | | 2.63 |
| Dissipation factor | ISO62562 | 2.45 GHz | - | | 0.0017 |
| Volume resistivity | IEC 60093 | - | Ω · m | | - |
| Surface resistivity | IEC 60093 | - | Ω | | - |
| Electric strength | IEC 60243-1 | 1mmt | MV/m | | - |
| | | 2mmt | | | - |
| | | 3mmt | | | - |
| Comparative tracking index (CTI) | UL746A | - | - | | - |
| RTI(Elec) | UL746B | - | - | | - |
| RTI(Imp) | UL746B | - | - | | - |
| RTI(Str) | UL746B | - | - | | - |

The listed properties are portrayed as general information only and are not product specifications.