

DENKA SE-10

ABS

Denka Company Limited

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|----------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 9 | g/10min | ISO 1133 |
| Temperature | 220 | °C | - |
| Load | 10 | kg | - |
| Molding shrinkage, parallel | 0.5 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 2400 | MPa | ISO 527 |
| Yield stress | 49 | MPa | ISO 527 |
| Stress at break | 35 | MPa | ISO 527 |
| Flexural modulus, 23°C | 2300 | MPa | ISO 178 |
| Flexural strength | 77 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 25 | kJ/m ² | ISO 179/1eA |
| Rockwell hardness | R 108 | - | ISO 2039-2 |
| ASTM Data | | | |
| Flexural Modulus | 2450 | MPa | ASTM D 790 |
| Flexural Strength | 76 | MPa | ASTM D 790 |
| Rockwell Hardness | R 116 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 255 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 80 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 103 | °C | ISO 306 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| Yellow Card available | yes | - | - |
| ASTM Data | | | |
| DTUL @ 264 psi | 91 | °C | ASTM D 648 |
| Vicat Temperature | 102 | °C | ASTM D 1525 |
| Other properties | | | |
| Density | 1040 | kg/m ³ | ISO 1183 |
| Density | 1040 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Extrusion | | | |
| Pre-drying - Temperature | 80 - 85 | °C | - |
| Pre-drying - Time | 2 - 3 | h | - |

Characteristics**Processing**

Other Extrusion

Regional Availability

North America, Europe, Asia Pacific