



| DURACon® M25-45 | | | |
|---------------------------------------------|-------|-------------------|-----------------|
| POM | | | |
| Mechanical properties | Value | Unit | Test Standard |
| ISO Data | | | |
| Tensile Modulus | 2500 | MPa | ISO 527-1/-2 |
| Tensile Strength | 59 | MPa | ISO 527-1/-2 |
| Nominal strain at break | 40 | % | ISO 527-1/-2 |
| Charpy notched impact strength (+23°C) | 8 | kJ/m ² | ISO 179/1eA |
| Flexural modulus (23°C) | 2350 | MPa | ISO 178 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load (1.80 MPa) | 90 | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 120 | E-6/K | ISO 11359-1/-2 |
| Coeff. of linear therm. expansion, normal | 120 | E-6/K | ISO 11359-1/-2 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| UL recognition | UL | - | - |
| Electrical properties | | | |
| ISO Data | | | |
| Volume resistivity | 1E12 | Ohm*m | IEC 60093 |
| Surface resistivity | >1E15 | Ohm | IEC 60093 |
| Electric strength | 19 | kV/mm | IEC 60243-1 |
| Other properties | | | |
| ISO Data | | | |
| Density | 1410 | kg/m ³ | ISO 1183 |
| Characteristics | | | |
| Special Characteristics | | Features | |
| U.V. stabilized or stable to weather | | Copolymer | |