

POLYPLASTICS CO LTD

18-1 KONAN, 2-CHOME, MINATO-KU TOKYO 108-8280 JP

M25(b), M90(b), M140(b), M270(b)

Acetal Polyoxymethylene (POM) "Duracon", furnished as pellets

| Color | Min. Thk (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str |
|-------|------------------|----------------|-----|-----|-------------|------------|------------|
| ALL | 0.75 | HB | - | - | - | - | - |
| | 1.5 | HB | 4 | 0 | 105 | 90 | 90 |
| | 3.0 | HB | 3 | 0 | 105 | 90 | 90 |
| | 6.0 | HB | 3 | 1 | 105 | 90 | 90 |

Comparative Tracking Index (CTI): -
Dielectric Strength (kV/mm): -
High-Voltage Arc Tracking Rate (HVTR): 0
Dimensional Stability (%): -

Inclined Plane Tracking (IPT) kV: -
Volume Resistivity (10^x ohm-cm): -
Surface Resistivity (10^x ohms/square): -
High Volt, Low Current Arc Resis (D495): 4

(b) - Followed by -01, -02, -04. May also be followed by additional letters and numbers.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 1970-01-14

Last Revised: 2020-02-06

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| IEC and ISO Test Methods | | | | |
|--------------------------------|-----------------|-------------------|----------|----------------|
| Test Name | Test Method | Units | Thk (mm) | Value |
| Flammability | IEC 60695-11-10 | Class (color) | 0.75 | HB, HB75 (ALL) |
| | | | 1.5 | HB, HB75 (ALL) |
| | | | 3.0 | HB, HB40 (ALL) |
| | | | 6.0 | HB, HB40 (ALL) |
| Glow-Wire Flammability (GWF1) | IEC 60695-2-12 | °C | - | - |
| Glow-Wire Ignition (GWIT) | IEC 60695-2-13 | °C | - | - |
| IEC Comparative Tracking Index | IEC 60112 | Volts (Max) | - | - |
| IEC Ball Pressure | IEC 60695-10-2 | °C | - | - |
| ISO Heat Deflection (1.80 MPa) | ISO 75-2 | °C | - | - |
| ISO Tensile Strength | ISO 527-2 | MPa | - | - |
| ISO Flexural Strength | ISO 178 | MPa | - | - |
| ISO Tensile Impact | ISO 8256 | kJ/m ² | - | - |
| ISO Izod Impact | ISO 180 | kJ/m ² | - | - |
| ISO Charpy Impact | ISO 179-1 | kJ/m ² | - | - |