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GRADE:
LT60

Silicone Rubber for Low Temperature Applications

Applications: LT60 is a Low temperature resistant silicone rubber material from which we can manufacture extruded profiles, tubing, gaskets, cord, and mouldings.

Uses include seals for the pharmaceutical industries, hygienic seals for low temperature transportation, and some applications in the aerospace industry.

Temperature range -100°C to 200°C.

This grade is designed to provide extended low temperature service.

M: Moulding

E: Extrusion

| Process | | | M | E |
|---------------------|----------------------------|--------------------------|--------|--------|
| Grades | | | LT60 | |
| Specific Gravity | DIN 53 479A | g/cm ³ ± 0.02 | 1.19 | 1.19 |
| Hardness | JIS K6253 | Shore A ± 5 | 63 | 60 |
| Tensile Strength | JIS K6251 | MPa | 11.0 | 11.2 |
| Elongation at Break | JIS K6251 | % | 480 | 570 |
| Tear Resistance | JIS K6252; B (crescent) | kN/m | 19 | 25 |
| Rebound | JIS K6249 | % | 46 | 41 |
| Compression Set | JIS K6252; 22 h / 180°C | % | 12 | 38 |
| Brittle Point | | °C | -110°C | -110°C |

* FDA § 177.2600. & BfR XV Silicones regulations.

Figures given above are for guidance only and should not be used in preparing specifications.

E & O.E.

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