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Pro-Lock Valve Lockout System

PRO-LOCK SPECIFICATION

Injection Moulded from Atofina, an impact copolymer polypropylene (PPC 7650).

Excellent Impact Resistance. Applications include automotive articles, e.g. car bumpers, battery cases, etc.

Material Tested to Industry standards over a wide range of temperatures (See ISO Test results below).

Successful Independent Operational, and drop tests carried out on the Pro-lock device between -55degC and +55degC. No significant deterioration in strength or problems with operation noted.

Resistance to oils and greases.

UV stabilized.

Material Testing: Atofina PPC 7650

| Property | Unit | Test Method | Value |
|---------------------------------------------|-------|-------------|-------|
| Tenalle Strength at yield | MPa | ISO 527-2 | 26 |
| Flexural Modulus | MPa | ISO 176 | 1400 |
| Tensile Modulus | MPa | ISO 527-2 | 1500 |
| Elongation at Yield | % | ISO 527-2 | 10 |
| Izod Impact notched at 23°C | KJ/m2 | ISO 180 | 9 |
| Izod Impact notched at -20°C | KJ/m2 | ISO 180 | 5.5 |
| Charpy Impact Strength notched at 23°C | KJ/m2 | ISO 179 | 10 |
| Charpy Impact Strength notched at -20°C | KJ/m2 | ISO 179 | 5 |
| Hardness Rockwell - R-scale | °C | ISO 2039-2 | 85 |
| Melting Point | °C | ISO 3146 | 165 |
| Vicat Softening Temperature 10N-50°C per hr | g/cm2 | ISO 306 | 145 |
| Density | g/cm2 | ISO 1183 | .905 |
| Bulk Density | g/cm2 | ISO 1183 | .525 |

Internals

M8 x 30mm 304/S15 Stainless Steel bolt

M8 x 16mm Torq thru insert, or M8 nut, fabricated from 303 Stainless Steel.

Wire Rope

Specification to BS 302 1987

Pro-Lock Valve Lockout System - Spe...

2.5mm Diameter, PVC Coated to 3.5mm

7 strands

Minimum breaking load of wire 435kgs

Safe Working Load 87kgs

Note: SWL applies to rope only. Pro-lock is not a lifting device.



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