



# DATA SHEET EP70PF

## General properties

|                                |  |
|--------------------------------|--|
| Standard                       | ASTM   |
| Indicative working temperature | -50°C/+150°C   |
| Color                          | BLACK  |
| Chemical resistance            | <input type="checkbox"/> Oil Free <input checked="" type="checkbox"/> Phthalate Free <input checked="" type="checkbox"/> Reach&RoHs2.0 |

## Properties

|   | Method       | Unit       | Required value | value |
|---|--------------|------------|----------------|-------|
| Hardness  | ASTM D 2240  | IRHD       |                | 72    |
| Tensile strength  | ASTM D 412/C | N/mm2(Mpa) |                | 12.92 |
| Elongation at break   | ASTM D 412/C | %          |                | 176   |
| Tear strength   | ASTM D 624/B | N/mm       |                | 38.31 |
| Specific gravity  | ASTM D 1817  | g/cm3      |                | 1.138 |
| Low temperature test-TR10                                   | ASTM D 1329  | °C         |                | -44.1 |
| Low temperature test-Brittleness                            | ASTM D 746   | °C         |                | -66   |
| Compression Set after deformation of 25%, 22 hours at 150°C | ASTM D 395/B | %          |                | 11.8  |

## Ageing

| Fluid | Time(h) | Temperature °C | Tensile % | Elongation % | Hardness Pts | Volume % | Weight % |
|-------|---------|----------------|-----------|--------------|--------------|----------|----------|
| Air   | 70      | 150            | -7        | +1           | +1           | -0.7     |          |

## Approval

SPEC: M2BG710B14EA14EF11EF21EO14EO34

Date : 08/09/2010

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Index:

Author:

SVHC = Substance of Very High Concern according to regulation REACH 1907/2006

These data are for information only.

They can be modified at any moment without notice.

Values indicated above are based on tests conducted on laboratory samples.

Values on finished parts can be different depending on shape, curing parameters etc