

## Evoprene® HP 3712 TPE

Alphagary

| Mechanical Properties                         | Value | Unit            | Test Standard |
|-----------------------------------------------|-------|-----------------|---------------|
| <b>ISO Data</b>                               |       |                 |               |
| Compression Set under constant strain, 70 °C  | 47    | %               | ISO 815       |
| Compression Set under constant strain, 100 °C | 60    | %               | ISO 815       |
| Shore Hardness A (15s)                        | 90    | -               | ISO 868       |
| Tensile Strength                              | 19.5  | MPa             | ISO 37        |
| Strain at Break                               | 740   | %               | ISO 37        |
| Stress at 100% Elongation                     | 4.3   | MPa             | ISO 37        |
| Stress at 300% Elongation                     | 16.8  | MPa             | ISO 37        |
| Tear strength                                 | 70.5  | kN/m            | ISO 6383      |
| Abrasion resistance                           | 62    | mm <sup>3</sup> | DIN 53516     |

| Other Properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| <b>ISO Data</b>  |       |                   |               |
| Density          | 900   | kg/m <sup>3</sup> | ISO 2781      |

### Characteristics

#### Processing

Injection Molding