

## Evoprene® G 940 TPE

Alphagary

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ASTM Data</b>                    |       |         |               |
| Melt Flow Index                     | 2.9   | g/10min | ASTM D 1238   |
| Temperature                         | 190   | °C      | -             |

| Mechanical Properties                         | Value | Unit            | Test Standard |
|-----------------------------------------------|-------|-----------------|---------------|
| <b>ISO Data</b>                               |       |                 |               |
| Compression Set under constant strain, 70 °C  | 81    | %               | ISO 815       |
| Compression Set under constant strain, 100 °C | 79    | %               | ISO 815       |
| Shore Hardness A (15s)                        | 87    | -               | ISO 868       |
| Shore Hardness D (15s)                        | 34    | -               | ISO 868       |
| Tensile Strength                              | 14.5  | MPa             | ISO 37        |
| Strain at Break                               | 640   | %               | ISO 37        |
| Stress at 100% Elongation                     | 7.8   | MPa             | ISO 37        |
| Stress at 300% Elongation                     | 33    | MPa             | ISO 37        |
| Tear strength                                 | 65    | kN/m            | ISO 6383      |
| Abrasion resistance                           | 210   | mm <sup>3</sup> | DIN 53516     |

| Other Properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| <b>ISO Data</b>  |       |                   |               |
| Density          | 950   | kg/m <sup>3</sup> | ISO 2781      |

### Characteristics

#### Processing

Injection Molding