

## TPE-V Elastomere

### General information

|              |        |                          |
|--------------|--------|--------------------------|
| Designation  | :      | Thermoplastic elastomere |
| Abbreviation | :      | TPV-(SEPS+PP)            |
| Color        | :      | black                    |
| Flammability | UL94 : | HB                       |

### Physical data

|          |                     |      |                   |
|----------|---------------------|------|-------------------|
| Density  | DIN EN ISO 1183-1 : | 1.05 | g/cm <sup>3</sup> |
| Hardness | DIN ISO 7619 :      | 79   | Sh A              |

### Mechanical data

|                          |                    |     |               |
|--------------------------|--------------------|-----|---------------|
| Tensile strength         | DIN 53504/ISO 37 : | 9.5 | MPa           |
| Elongation at break S2   | DIN 53504/ISO 37 : | 450 | %             |
| Compression set Method A | DIN ISO 815-1 :    | 19  | % 72h / 23°C  |
|                          |                    | 37  | % 24h / 70°C  |
|                          |                    | 41  | % 24h / 100°C |
|                          |                    | 51  | % 24h / 120°C |

### Thermal data

|                              |   |      |    |
|------------------------------|---|------|----|
| Max. application temperature | : | +140 | °C |
| Min. application temperature | : | -42  | °C |

### Chemical properties

The TPE-V has a very good resistance to all polar media like water, acids and bases. It also shows a very good resistance against more polar chemical like glycol

### AGRO AG

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This table is arranged to our best knowledge and is to advise you without obligation. All values are approximate values and are based on tests done by our suppliers. Modifications remain reserving.

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