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Semi-finished products CH/LI faigle Igoplast AG +41 71 747 41 41 igoplast@faigle.com Injection moulded parts faigle Kunststoffe GmbH +43 5574 6811 kunststoffe@faigle.com

Material datasheet Material: PAS-PU 80A-H

## mechanical characteristics

| Characteristic                   | Standard                                | Unit        | Value |
|----------------------------------|---|-------------|-------|
| Tensile strength (+23°C, dry)    | ISO 527-1/-2<br>DIN 53455<br>ASTM D 638 | MPa (N/mm²) | 40    |
| Elongation at break (+23°C, dry) | ISO 527-1/-2<br>DIN 53455<br>ASTM D 638 | %           | 650   |

## combustibility characteristics

| Characteristic    | Standard        | Unit  | Value |
|-------------------|-----------------|-------|-------|
| UL94 flammability | IEC 60695-11-10 | class | НВ    |

## physical characteristics

| Characteristic         | Standard                            | Unit  | Value |
|------------------------|-------------------------------------|-------|-------|
| Density, Gross density | ISO 1183<br>DIN 53479<br>ASTM D 792 | g/cm³ | 1.11  |

These data are guideline values which are subject to change depending on the type of manufacture of the test specimens and stress. These data are based on our own experience and on manufacturer's data. However, they are provided without guarantee, since each application is different and must be considered with reference to its specific influence parameters.

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