

# STANDARD MATERIAL THERMOPLASTIC



## seal-mart® POM

(polyoxymethelene - polyacetal)

| physical properties | unit              | value       | standard   |
|---------------------|-------------------|-------------|------------|
| color               |                   | black/white |            |
| specific gravity    | g/cm <sup>3</sup> | 1,41        | DIN 53 479 |
| hardness            | shore D           | 81± 3       | ISO 868    |

| mechanical properties | unit                     | value | standard        |
|-----------------------|--------------------------|-------|-----------------|
| elongation at break   | %                        | 30    | ASTM D 4745-11a |
| tensile strength      | MPa (N/mm <sup>2</sup> ) | 60    | ASTM D 4745-11a |
| compressive strength  | MPa (N/mm <sup>2</sup> ) | 88    | DIN 53 455      |

| thermal properties | unit | value |
|--------------------|------|-------|
| service temp min   | °C   | -45   |
| service temp max   | °C   | +100  |

the mentioned data are only valid for test pieces of the corresponding ISO, DIN and ASTM standards and cannot be directly related to gaskets and joints. all values which are not marked are typical values which are only tested on selected samples based on our our experience and knowledge of typical applications of this product, and shall not constitute a guarantee of performance nor modify or alter our standard warranty applicable to such product.

