

Material

PTFE Y002

beige

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|-----------------------|----------------------|-------------|-------|
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| 5 | 8/24/2020 | | |

Physical properties

| | typical values | |
|---|-----------------------|-------------------|
| Density DIN EN ISO 1183-1, 23 °C | 2.03 | g/cm ³ |
| Hardness DIN ISO 7619-1, Shore D, 23 °C, 3 sec. | 59 | Shore |
| Ball indentation hardness DIN EN ISO 2039-1, 23 °C | 37 | MPa |
| Tensile strength on basis of DIN EN ISO 527, SPI, 23 °C, UR | 24 | MPa |
| Elongation at Break on basis of DIN EN ISO 527, SPI, 23 °C | 380 | % |

Declarations of conformity

| | Country | Part | Remark | Expires | unlimited |
|---------------------------------|----------------|-------------|---|----------------|-------------------------------------|
| (EG) 10/2011 | EU | | food | | <input checked="" type="checkbox"/> |
| (EG) 2023/2006 (GMP) | EU | | (EG) 2023/2006 (GMP) | | <input checked="" type="checkbox"/> |
| 3-A Sanitary | USA | Seals | | 11 / 2021 | <input type="checkbox"/> |
| ADI Free | | | see certificate | | <input checked="" type="checkbox"/> |
| Conflict Mineral Free | | | see certificate | | <input checked="" type="checkbox"/> |
| FDA | USA | Seals | § 177.1550 | | <input checked="" type="checkbox"/> |
| GB 4806 / 9685 | CN | | GB 4806.7 | | <input checked="" type="checkbox"/> |
| RoHS conform | | | including EU 2011/65 and EU2015/863 (ROHS III) | | <input checked="" type="checkbox"/> |
| USP Chapter 87 (In Vitro) | USA | Seals | | | <input checked="" type="checkbox"/> |
| USP Class VI Ch. 88 - 121 °C | USA | Seals | | | <input checked="" type="checkbox"/> |

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No ASTM D2000 properties available

Specific characteristic and limitations for the use in food contact are set out in the corresponding declaration of conformities.

The composition of the material is compliant with the "Japanese Food Sanitation Act".

The given values are based on a limited number of tests on standard test pieces produced in the laboratory. The data from finished parts can deviate from above values depending on the manufactories process and the component geometry.

The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisons do not plan for something else.

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