

Technical Film

Tecfilm® PMP TC 00200

Description: Tecfilm® PMP TC 00200 is a polymethylpenten (PMP) film, which is glossy on both sides.

Application: Tecfilm® PMP TC 00200 is used in a wide variety of applications including speaker cones, gas separating membranes, release films and carrier films for ceramic slurry.

Delivery forms: Tecfilm® PMP TC 00200 can be delivered on roll or as tape, customized cut or die-cut part. Other delivery forms upon customer request.

Colour: natural

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| Property | Test method | Unit | Value |
|---------------------------------|-------------|-------------------------|-------------------|
| Tensile strength | ASTM D882 | psi | 4.110 |
| Tear strength | ASTM D882 | % | 10 |
| Tensile modulus | ASTM D882 | psi | 280.000 |
| Flexural modulus | ASTM D790 | psi | 210.000 |
| Tear strength – prop. | ASTM D1004 | g/mil | 125 |
| Operating temperature | - | °C | 100 |
| Dimensional stability at 66 psi | ASTM D648 | °C | 100 |
| Melting temperature | - | °C | 235 |
| Flammability | UL 94 | - | HB |
| Oxygenlimit | ASTM D2863 | - | <25 |
| Surface resistance | ASTM D257 | Ohms | >10 ¹⁶ |
| Dielectric strength | ASMT D149 | V/mil | 3.710 |
| Dielectric constant | ASTM D150 | 1 KHz | 2,12 |
| Loss factor | ASTM D150 | 1 MHz | 0,000025 |
| Spec. Weight | ASTM D792 | - | 0,835 |
| Waterabsorbtion after 24 h | ASTM D570 | % | 0,01 |
| Refractive Index | - | - | 1,463 |
| Haze | ASTM D1003 | % | 2 |
| Surface factor | - | ln ² /lb/mil | 32.725 |

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Trademark Information: Tecfilm® is a registered mark of the company Dr. D. Müller GmbH, Germany.

Information:

The information in this Technical Data Sheet is based on our present knowledge and experiences. It does not release the user from conducting their own trials and examinations to determine the suitability of the product for his intended use. A legally obligatory warranty of certain characteristics or the suitability for a specific targeted application cannot be derived from our data. Depending upon individual cases we recommend consultation with us. Any patent rights as well as existing laws are to be considered by the receiver of our products as their own responsibility.

Dr. Dietrich Müller GmbH