

SUMILITE® PVC VSL-4603

Polyvinylidene Chloride

Sumitomo Bakelite Co., Ltd.

Message:

SUMILITE®PVC VSL-4603 is a polyvinylidene chloride (PVDC) product. It is available in North America. SUMILITE®The application fields of PVC VSL-4603 include thin plates and medical/health care.

Features include:

- Hard
- moisture resistance

| General Information | | | |
|-----------------------------|---------------------|-------------------------|-------------|
| Features | Moisture resistance | | |
| | Medium hardness | | |
| Uses | Sheet | | |
| | Drug | | |
| Forms | Particle | | |
| Films | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D882 |
| MD: Yield, 250 μm | 43.1 | MPa | ASTM D882 |
| TD: Yield, 250 μm | 39.2 | MPa | ASTM D882 |
| Tensile Elongation | | | ASTM D882 |
| MD: Break, 250 μm | 180 | % | ASTM D882 |
| TD: Break, 250 μm | 200 | % | ASTM D882 |
| Water Vapor Transmission | 0.85 | g/m ² /24 hr | ASTM E96 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 90.0 | °C | ASTM D1525 |
| Optical | Nominal Value | Unit | Test Method |
| Transmittance (250 μm) | 87.0 | % | ASTM D1003 |
| Haze (250 μm) | 3.5 | % | ASTM D1003 |
| Additional Information | | | |

The values listed as ASTM D882 were tested in accordance with JIS K6734The value listed as ASTM D1525 was tested in accordance with JIS K7206The values listed as ASTM D1003 were tested in accordance with JIS K7105The value listed as ASTM E96 was tested in accordance with JIS Z0208Wave Length Absorbing 90% UV Ray, UV Visible Spectrophotometer: 377 nm

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