

GREY PVC

| PROPERTY | TEST METHOD | UNIT | VALUE |
|--|--------------------|--------------------|-------------------------|
| MECHANICAL | | | |
| Density | DIN 53479 | g/cm ³ | ≈1.47 |
| Modulus of Elasticity | DIN 53457 | N/mm ² | ≥ 3100 |
| Stress at 3.5% strain | DIN 53452 | N/mm ² | ≥ 80 |
| Tensile Stress at yield | DIN 53455 | N/mm ² | ≥ 55 |
| Ball pressure Hardness | DIN 53456 | N/mm ² | ≈120 |
| Shore Hardness D | DIN 53505 | | ≈ 85 |
| Impact Strength | DIN 53453 | KJ/m ² | no rupture at 0°C |
| THERMAL | | | |
| Vicat Softening Temp | DIN EN ISO 306 | °C | ≥ 80 |
| Thermal Conductivity At 20 °C | DIN 52616 | W/(m-K) | ≈ 0.16 |
| Coefficient Of Linear Expansion 20 to 60 °C | DIN 53752 | K ⁻¹ | ≈ 70 x 10 ⁻⁶ |
| ELECTRICAL | | | |
| Volume Resistivity VDE0303-30 | DIN IEC 60093 | Ω.cm | >10 ¹⁵ |
| Surface Resistivity VDE0303-30 | DIN IEC 60093 | Ω | >10 ¹³ |
| OTHER PROPERTIES | | | |
| Water Absorbtion | DIN 53495 method 3 | mg/cm ³ | ≤3 |
| Temperature Range | classification | °C | -15 to 60 |
| Fire behaviour | DIN 4102(D) | 1 to 4mm | B1 |

Technical Data Sheet



PARTWELL LIMITED
CUTTING TECHNOLOGY SPECIALISTS
ORDER TELEPHONE: 01254 671875

37k 09-11-04