

PVC soft / PVC-P Datasheet

Polyvinylchloride zacht

| Property | Minimum | Maximum | Unit |
|------------------------|----------|----------|-----------|
| Young's Modulus | 20 | 50 | MPa |
| Price | 80 | 80 | MPa |
| Tensile Strength | 16 | 28 | MPa |
| Elongation | 170 | 400 | % |
| Bending strength | 2 | 22 | MPa |
| Thermal expansion | 150 | 210 | e-6/K |
| Thermal conductivity | 0.13 | 0.15 | W/m.K |
| Specific heat | 900 | 1800 | J/kg.K |
| Vicat | 50 | 60 | C |
| Melting temperature | Amorphou | Amorphou | C |
| Glass temperature | 50 | 50 | C |
| Service temperature | -20 | 42 | C |
| Density | 1190 | 1280 | kg/m3 |
| Resistivity | 1E+18 | 1E+19 | Ohm.mm2/m |
| Breakdown potential | 3000 | 4000 | kV/mm |
| Dielectric loss factor | 0.08 | 0.12 | |
| Thickness | 1 | 9.5 | mm |
| Shrinkage | 0.5 | 3 | % |
| Water absorption | 0.2 | 0.2 | % |