



## PPC Sheet Pinseal

# Bay Plastics Datasheet

| Property   | Test                    |
|--|-------------------------|
| Moulding compound extruded   | PP-B, EN,10-35-003      |
| Extruded to moulding compound standard                                     | DIN EN ISO 1873, Teil 1 |
| Moulding compound pressed  | PP-B,QN,10-35-003       |
| Pressed to moulding compound standard                                      | DIN EN ISO 1873, Teil 1 |
| Density – g/cm <sup>3</sup> - ISO 1183                                     | 0.91                    |
| Yield stress – MPa – DIN EN ISO 527  | 26                      |
| Elongation at yield - % - DIN EN ISO 527                                   | 7                       |
| Tensile modulus of elasticity – MPa – DIN EN ISO                           | 1200                    |
| Impact strength – kJ/m <sup>2</sup> – DIN EN ISO 179                       | Without break           |
| Ball indentation hardness – MPa – DIN EN ISO 2039-1                        | 50                      |
| Mean coefficient of linear thermal expansion – K <sup>-1</sup> – DIN 53752 | 1,6 x 10 <sup>-4</sup>  |
| Fire behaviour – DIN 4102  | B2 normal flammability  |
| Dielectric strength - kV/mm – DIN IEC 60243-1                              | 58                      |
| Surface resistivity – Ohm – DIN IEC 60093                                  | 1014                    |
| Temperature range - °C   | -20 to +80              |
| Physiological safety in accordance with BfR                                | Yes                     |