

**PALFORM® R C 25**

POM

Pal Plast GmbH

| Processing/Physical Characteristics   | Value | Unit                   | Test Standard   |
|---------------------------------------|-------|------------------------|-----------------|
| <b>ISO Data</b>                       |       |                        |                 |
| Melt volume-flow rate, MVR            | 25    | cm <sup>3</sup> /10min | ISO 1133        |
| Temperature                           | 200   | °C                     | -               |
| Load                                  | 5     | kg                     | -               |
| <b>Mechanical properties</b>          |       |                        |                 |
| <b>ISO Data</b>                       |       |                        |                 |
| Tensile Modulus                       | 2750  | MPa                    | ISO 527         |
| Yield stress                          | 55    | MPa                    | ISO 527         |
| Yield strain                          | 5.5   | %                      | ISO 527         |
| Nominal strain at break               | 22.5  | %                      | ISO 527         |
| Stress at break                       | 65    | MPa                    | ISO 527         |
| Strain at break                       | 17.5  | %                      | ISO 527         |
| Charpy impact strength, +23°C         | N     | kJ/m <sup>2</sup>      | ISO 179/1eU     |
| Charpy notched impact strength, +23°C | 6     | kJ/m <sup>2</sup>      | ISO 179/1eA     |
| <b>Thermal properties</b>             |       |                        |                 |
| <b>ISO Data</b>                       |       |                        |                 |
| Melting temperature, 10°C/min         | 166   | °C                     | ISO 11357-1/-3  |
| Vicat softening temperature, B        | 148   | °C                     | ISO 306         |
| Burning behav. at 1.5 mm nom. thickn. | HB    | class                  | IEC 60695-11-10 |
| Thickness tested                      | 1.6   | mm                     | -               |
| <b>Electrical properties</b>          |       |                        |                 |
| <b>ISO Data</b>                       |       |                        |                 |
| Comparative tracking index            | 600   | -                      | IEC 60112       |
| <b>Other properties</b>               |       |                        |                 |
| Water absorption                      | 0.8   | %                      | Sim. to ISO 62  |
| Humidity absorption                   | 0.175 | %                      | Sim. to ISO 62  |
| Density                               | 1410  | kg/m <sup>3</sup>      | ISO 1183        |

**Characteristics****Special Characteristics**

High impact or impact modified

**Features**

Copolymer

**Chemical Resistance**

Alkali Resistance, Solvent Resistance, Hydrolytically Stable

**Certifications**

Recycled Resin Content

**Regional Availability**

Europe