

REPRO

PP RG124

PP 20% glassfibre reinforced

| PROPERTY | VALUE | UNIT | STANDARD |
|---------------------------|-------|-------------------|-------------|
| Density | 1,05 | g/cm ³ | ISO 1183 |
| MFI 230°C/2,16 kg | 5 | g/10 min | ISO 1133 |
| Flexural modulus at +23°C | 3600 | N/mm ² | ISO 178 |
| Flexural Strength | 45 | N/mm ² | ISO 178 |
| Tensile Strength | 30 | N/mm ² | ISO/R 527 |
| Elongation at break | - | % | ISO/R 527 |
| Elongation at yeild | - | % | ISO/R 527 |
| Impact Strength | | | |
| notched Charpy at +23°C | 7 | kJ/m ² | ISO 179 |
| notched Charpy at -20°C | - | kJ/m ² | ISO 179 |
| unnotched Charpy at +23°C | - | kJ/m ² | ISO 179 |
| unnotched Charpy at -20°C | - | kJ/m ² | ISO 179 |
| Filling content | 20 | ±2% | Rondo |
| Heat distortion temp. | | | |
| HDT 120°C/h at 455 kPa B | 125 | °C | ISO 75-1 |
| HDT 120°C/h at 1820 kPa A | 95 | °C | ISO 75-1 |
| Softening temp. | | | |
| Vicat 50°C/h at 9,81 N A | - | °C | ISO 306 |
| Vicat 50°C/h at 49,05 N B | - | °C | ISO 306 |
| Burn rate | - | mm/min | FMVSS 302 |
| GWT at 2 mm | 750 | °C | IEC 695-2-1 |
| UL94 at 1,6 mm | HB | °C | UL 94 |
| Shore A | - | ° | ISO 868 |
| Shore D | - | ° | ISO 868 |
| Shrinkage (with flow) | - | % | ISO 2577 |
| Shrinkage (across flow) | - | % | ISO 2577 |

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