

the maia range

Physical Properties

| Property | Measuring Method | Value |
|---|-------------------------|--|
| Density | DIN 53479 | 1.77g/cm ³ |
| Notched impact strength | ISO 179 | 0.9 kJ/m ² |
| Tensile Strength | ISO 527 | 39.9 MPa (N/mm ²) |
| Modulus of elasticity (N/mm ²) | ISO 527 | approx. 8370 MPa |
| Flexural Strength | ISO 178 | approx 59 MPa (N/mm ²) |
| Barcol hardness | EN59 | 58 |
| Ball indentation hardness | ISO 2039-1 | 237 N/mm ² |
| Spot resistance removable | EN438-2 | passed, all changes |
| Behaviour with respect to boiling water | EN438-2 | 0.5%; grade 3 to 4 |
| Heat distortion temperature | ISO 75-1 | 92°C |
| Hot cigarette ash | EN438-2 | Grade 3 |
| Impact stress | EN438-2 | 77 N |
| Abrasion | DIN 53754 | 128 to 145, depending on decorative design |
| Light fastness | ISO 4892 | 4 to 5 |
| Fungal resistance | EN ISO 846 | passed |
| Food safety | EN V 1186 | passed |
| Bacterial resistance | EN ISO 846 | passed |