

COMPOSITION

Mould Phenolic powder, low-medium flow, organic filled, for injection and transfer tooling with a great surface finish.

According to RoSH

LOOK

Colour: black

Surface quality: mechanically treated. Matt shade

PHISICAL PROPIERTIES

| | | | |
|------------------|------------|-------------|--------------------|
| Aspect | Granulated | | |
| Colour | Black | | |
| Apparent density | DIN 53466 | 0.40 – 0.65 | gr/cm ³ |
| Shrinkage | DIN 53464 | 0.5 – 1.0 | % |
| Post Shrinkage | DIN 53464 | 0.5 – 0.9 | % |
| Water absorption | ISO 62 | <0.9 | % |

MECHANICAL PROPIERTIES

| | | | |
|-------------------------|---------|-----------|-------------------|
| Flexural Strength | ISO 178 | 70 – 100 | MPa |
| Impact Strength | ISO 179 | 5 – 10 | Kj/m ² |
| Notched Impact Strength | ISO 179 | 1.4 – 1.8 | Kj/m ² |
| Tensile Strength | ISO 527 | 50 – 65 | MPa |
| Compressive Strength | ISO 604 | 190 – 300 | MPa |

ELECTRICAL PROPIERTIES

| | | | |
|------------------------|-----------|--------|---------------|
| Electric Strength | DIN 53481 | 7 - 17 | KV/mm |
| Transverse resistivity | DIN 53482 | 12 | Log 10 Ohm-cm |
| Surface resistivity | DIN 53482 | 11 | Log 10 Ohm |

These data have only indicative value, Amatecsa reserves the right to modify this data sheet without any notice.

LAST REVISION: OCTOBER 2005