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| Document | ISO Datasheet |
| Description | PP TD 20 |
| Grade | ISOFIL H 20 TG F HS BK |
| Code | |
| Application | Injection Moulding |

20 % talc filled homopolymer polypropylene. Black colour. Heat stabilized.

| Properties | Method | Unit | Value |
|--|-------------|-------------------|-------|
| Physical | | | |
| Melt flow rate (230°C – 2,16 Kg) | ISO 1133 | g/10' | 12 |
| Density at 23°C | ISO 1183 | g/cm ³ | 1,05 |
| Filler Content (1h/600°C) | ISO 3451-1 | % | 20 |
| Thermal | | | |
| Vicat B50 | ISO 306 | °C | 95 |
| HDT, A (1.80 MPa) | ISO 75/Ae | °C | 70 |
| Mechanical at 23 °C | | | |
| Flexural Modulus (23°C - 2 mm/min) | ISO 178 | MPa | 2750 |
| Tensile stress at yield (23°C-50 mm/min) | ISO 527-2 | MPa | 32 |
| Tensile stress at break (23°C-50 mm/min) | ISO 527-2 | MPa | 18 |
| Izod notched impact strength (23°C) ISO | ISO 180/1A | KJ/m ² | 2,5 |
| Charpy notched impact strength (23°C) | ISO 179/1eA | KJ/m ² | 3,5 |
| Charpy unnotched impact strength (23°C) | ISO 179/1eU | KJ/m ² | 38 |
| Flammability Class | | | |
| Flammability class (3,0 mm) | UL94 | | HB |
| Regulations compliance | | | |
| RoHS compliance status | COMPLIANT | | |
| EN71 | | | |
| UL listed file n ^o | | | |
| Water contact approvals | | | |
| Food contact status | EU | | |

[§] Moulding shrinkage is not an intrinsic property of plastics. It also depends on moulding parameters. The values reported have been calculated in the direction parallel to the flow in a 3.0 x 12.7 x 127 mm sample.

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