

ISOBLEND

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|-------------|-----------------------|
| Code | 120184 |
| Grade | A 20 500 V0 HF WT2087 |
| Polymer | PC/ABS Alloy |
| Application | Electrical |

Halogen free flame retardant PC/ABS alloy. UV stabilized. White colour.

| Properties | Method | Unit | Value |
|--|-----------------|-------|-------|
| Physical | | | |
| Melt Flow Rate (260°C – 5,00 Kg) | ASTM D1238 | g/10' | 35 |
| Density at 23°C | ASTM D729 | g/cm3 | 1,17 |
| Mould Shrinkage (%) | INTERNAL | % | 0,6 |
| Thermal | | | |
| Vicat B50 | ASTM D1525 | °C | 110 |
| HDT, A (1.80 MPa) | ASTM D648 | °C | 92 |
| Mechanical at 23 °C | | | |
| Flexural Modulus (23°C - 2 mm/min) | ASTM D790 | MPa | 2600 |
| Tensile stress at break (23°C-50 mm/min) | ASTM D638 | MPa | 45 |
| Tensile elong. at break (23°C-50 mm/min) | ASTM D638 | % | 30 |
| Izod notched impact strength (23°C) ASTM | ASTM D256 | J/m | 550 |
| Flammability | | | |
| Glow Wire Flammability Index GWFI (3,0 mm) | IEC 606925-2-12 | °C | 960 |
| Flammability Class | | | |
| Flammability class (1,5 mm) | UL94 | | V0 |

Regulations compliance

RoHS compliance status: COMPLIANT

EN71:

UL listed file n°:

Water contact approvals.

Food contact status:

Technical documents

Material safety datasheet: <http://www.sirmax.it/sites/default/files/ISOBLEND%C2%AE%20M%20SDS.pdf>

Revision number/date: 0 OCT 17

§ 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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