

**MABLEX® 466**

(PC+ABS)

Ravago Group

| Processing/Physical Characteristics | Value | Unit    | Test Standard   |
|-------------------------------------|-------|---------|-----------------|
| <b>ISO Data</b>                     |       |         |                 |
| Melt flow index, MFI                | 17    | g/10min | ISO 1133        |
| Temperature                         | 260   | °C      | -               |
| Load                                | 5     | kg      | -               |
| Molding shrinkage, parallel         | 0.6   | %       | ISO 294-4, 2577 |

| Mechanical properties               | Value | Unit              | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                     |       |                   |               |
| Yield stress                        | 62    | MPa               | ISO 527       |
| Stress at break                     | 55    | MPa               | ISO 527       |
| Strain at break                     | 45    | %                 | ISO 527       |
| Flexural modulus, 23°C              | 2300  | MPa               | ISO 178       |
| Izod notched impact strength, +23°C | 60    | kJ/m <sup>2</sup> | ISO 180/1A    |
| Izod notched impact strength        | 37    | kJ/m <sup>2</sup> | ISO 180/1A    |
| Temperature                         | -30   | °C                | -             |

| Thermal properties                       | Value | Unit  | Test Standard   |
|--|-------|-------|-----------------|
| <b>ISO Data</b>                          |       |       |                 |
| Temp. of deflection under load, 1.80 MPa | 110   | °C    | ISO 75-1/-2     |
| Vicat softening temperature, A           | 138   | °C    | ISO 306         |
| Vicat softening temperature, B           | 127   | °C    | ISO 306         |
| Burning behav. at 1.5 mm nom. thickn.    | HB    | class | IEC 60695-11-10 |
| Thickness tested                         | 1.6   | mm    | -               |
| Burning behav. at thickness h            | HB    | class | IEC 60695-11-10 |
| Thickness tested                         | 3.2   | mm    | -               |
| Glow Wire Flammability Index (GWFI)      | 750   | °C    | IEC 60695-2-12  |
| GWFI - thickness tested (1)              | 2     | mm    | -               |

| Electrical properties      | Value | Unit  | Test Standard |
|----------------------------|-------|-------|---------------|
| <b>ISO Data</b>            |       |       |               |
| Volume resistivity         | 1E13  | Ohm*m | IEC 62631-3-1 |
| Surface resistivity        | 1E14  | Ohm   | IEC 62631-3-2 |
| Electric strength          | 24    | kV/mm | IEC 60243-1   |
| Comparative tracking index | 250   | -     | IEC 60112     |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1140  | kg/m <sup>3</sup> | ISO 1183      |

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat

**Regional Availability**

Europe

**Features**

High Gloss