

## TECHNICAL – DATA SHEET

# RONALEN M40



**Charakteristics:** Polypropylene, type reinforced with 40% micropulverized talc, natural, optimal flow properties. Suitable for injection mouldings with increased requirements to rigidity and strenght.

**Processing:** Injection moulding, melt temperatu-

re 230-240°C, mould temperature 40-60°C, containing substances extractable by water up to 0,1 %, drying temperature max. 80°C.

**Packaging:** PE bags á 25 kg dispatched on palett, weight 500 kg

| PROPERTIES |   | NORM        | UNIT               | RONALEN M40 natural |
|------------|---|-------------|--------------------|---------------------|
| MECHANICAL | Tensile yield stress                      | ISO 527     | MPa                |                     |
|            | Tensile stress at break                   | ISO 527     | MPa                | 28                  |
|            | Tensile modulus                           | ISO 527     | MPa                | 4000                |
|            | Flexural modulus                          | ISO 178     | MPa                | 4200                |
|            | Impact strenght Charpy (23 °C)            | ISO 179/1eU | kJ.m <sup>-2</sup> | 14                  |
|            | Notch impact strenght Charpy (23 °C)      | ISO 179/1eA | kJ.m <sup>-2</sup> | 2.5                 |
| THERMAL    | Temp. of deflection under load (1,8 MPa)  | ISO 75      | °C                 |                     |
|            | Temp. of deflection under load (0,45 MPa) | ISO 75      | °C                 |                     |
|            | Vicat softening point                     | ISO 306     | °C                 | 158                 |
| PHYSICAL   | Density                                   | ISO 1183    | g.cm <sup>-3</sup> | 1,26                |
|            | Melt flow index (230°C/2,16 kg)           | ISO 1133    | g/10 min           | 10                  |
|            | Shrinkage – along flow                    |             | %                  |                     |
|            | Shrinkage – across flow                   |             | %                  |                     |

The information and data contained herein are not product specification but are given in a good faith to serve to our customers as a guide only. We cannot anticipate all conditions under which this information and our products may be used. We accept no responsibility for results obtained by application of this information. Users are advised to make their own tests to determine safety and suitability of each our product for their purposes.

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