



# Ravaplen® 71 T 42

## Ravago Manufacturing Europe - Polypropylene Copolymer

### General Information

#### Product Description

PP copolymer, near prime compound, 10% talcum filled

#### General

|                        |                              |                 |
|------------------------|------------------------------|-----------------|
| Material Status        | • Commercial: Active         |                 |
| Availability           | • Europe                     | • North America |
| Filler / Reinforcement | • Talc, 10% Filler by Weight |                 |
| Features               | • Copolymer                  |                 |

### Properties <sup>1</sup>

| Physical  | Nominal Value | Unit              | Test Method |
|---|---------------|-------------------|-------------|
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)                 | 12            | g/10 min          | ISO 1133    |
| Ash Content (600°C)                                       | 10            | %                 | ISO 3451    |
| Mechanical  | Nominal Value | Unit              | Test Method |
| Tensile Modulus (23°C)                                    | 1450          | MPa               | ISO 527-1   |
| Tensile Stress (Yield, 23°C)                              | 20.0          | MPa               | ISO 527-2   |
| Flexural Modulus (23°C)                                   | 1600          | MPa               | ISO 178     |
| Impact  | Nominal Value | Unit              | Test Method |
| Notched Izod Impact Strength (23°C)                       | 35            | kJ/m <sup>2</sup> | ISO 180     |
| Thermal   | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load<br>0.45 MPa, Unannealed | 100           | °C                | ISO 75-2/B  |
| Deflection Temperature Under Load<br>1.8 MPa, Unannealed  | 53.0          | °C                | ISO 75-2/A  |
| Vicat Softening Temperature                               | 60.0          | °C                | ISO 306/B50 |

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.