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| Product Information | SP20M₂30300B |  |
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Product Description

SP20M₂30300B is a black Copolypropylene reinforced by 30% Talc.

| Property | Test Method (ASTM) | Test Condition | Value | Unit |
|-----------------------------------|--------------------|----------------------------|-------------|-------------------|
| PHYSICAL | | | | |
| Density | D792 | 23°C | 1.15 | g/cm ³ |
| Melt Flow Rate (MFR) | D1238 | 230 °C, 2.16 Kg | 8.0 | g/10min |
| MECHANICAL | | | | |
| Tensile Strength, Yield | D638 | 23°C | 20 | MPa |
| Tensile Elongation, Yield | D638 | 23°C | 3.5 | % |
| Flexural Strength | D790 | 23°C | 55 | MPa |
| Flexural Modulus | D790 | 23°C | 3050 | MPa |
| Izod Impact Strength | D256 | notched, 23°C | 7.5 | KJ/m ² |
| THERMAL | | | | |
| Vicat Softening Temperature | D1525 | 50 N, heating rate 50 °C/h | 138 | °C |
| Heat Deflection Temperature (HDT) | D648 | 0.45 Mpa | 129 | °C |
| | | 1.80 Mpa | 69 | °C |

Processing Guidelines

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| Predrying | Drying Time: 2-4 h | Drying Temperature: 80-100 °C |
|------------------|--------------------|-------------------------------|

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|--------------------------|---------------------------|-----------------------|-----------------|--------------------------|
| Injection Molding | Cylinder Temperature (°C) | Mold Temperature (°C) | Injection Speed | Injection Pressure (MPa) |
| | 200-220 | 30-50 | Medium | 40-130 |

All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.

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