

## Technical Data Sheet

# SCHULAREC PPC MT 20 MV

Polypropylene Copolymer

### Product Description

Recycled Polypropylene with 20% talc filler produced from Post Industrial sources. PPC TF 20 MV is suitable for injection moulding applications requiring a medium flow.

### General

|                        |                              |
|------------------------|------------------------------|
| Filler / Reinforcement | • Talc, 20% Filler by Weight |
| Recycled Content       | • Yes                        |
| Processing Method      | • Injection Molding          |

| Physical                                     | Nominal Value (English)   | Nominal Value (SI)     | Test Method    |
|----------------------------------------------|---------------------------|------------------------|----------------|
| Density                                      | 1.07 g/cm <sup>3</sup>    | 1.07 g/cm <sup>3</sup> | ISO 1183/A     |
| Melt Mass-Flow Rate (MFR)                    | 6.0 g/10 min              | 6.0 g/10 min           | ISO 1133       |
| Mechanical                                   | Nominal Value (English)   | Nominal Value (SI)     | Test Method    |
| Tensile Modulus                              | 283000 psi                | 1950 MPa               | ISO 527-2/1A/1 |
| Tensile Stress (Yield)                       | 3480 psi                  | 24.0 MPa               | ISO 527-2      |
| Impact                                       | Nominal Value (English)   | Nominal Value (SI)     | Test Method    |
| Charpy Notched Impact Strength (73°F (23°C)) | 2.1 ft·lb/in <sup>2</sup> | 4.5 kJ/m <sup>2</sup>  | ISO 179/1eA    |
| Notched Izod Impact Strength                 | 2.1 ft·lb/in <sup>2</sup> | 4.5 kJ/m <sup>2</sup>  | ISO 180        |
| Thermal                                      | Nominal Value (English)   | Nominal Value (SI)     | Test Method    |
| Vicat Softening Temperature                  | 194 °F                    | 90.0 °C                | ISO 306/B50    |
| Flammability                                 | Nominal Value (English)   | Nominal Value (SI)     | Test Method    |
| Burning Rate                                 |                           |                        |                |
| 0.0787 in (2.00 mm)                          | < 3.9 in/min              | < 100 mm/min           | ISO 3795       |
| 0.0787 in (2.00 mm)                          | < 3.9 in/min              | < 100 mm/min           | FMVSS 302      |

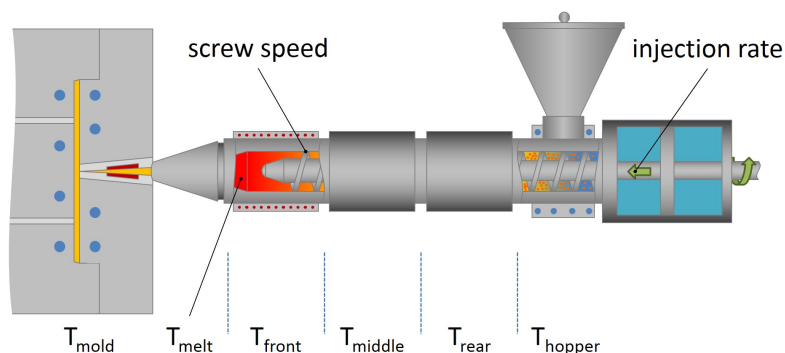
### Additional Information

- 1.) Not for use in food contact applications
- 2.) Not for use in medical or pharmaceutical applications

Technical Data Sheet

# SCHULAREC PPC MT 20 MV

Polypropylene Copolymer



| Injection              | Nominal Value (English) | Nominal Value (SI) |
|------------------------|-------------------------|--------------------|
| Drying Temperature     | 176 °F                  | 80 °C              |
| Drying Time            | 2.0 to 3.0 hr           | 2.0 to 3.0 hr      |
| Suggested Max Regrind  | 20 %                    | 20 %               |
| Processing (Melt) Temp | 446 to 518 °F           | 230 to 270 °C      |
| Mold Temperature       | 104 to 158 °F           | 40 to 70 °C        |

## Injection Notes

\*Drying normally not necessary.

## Notes

These are typical property values not to be construed as specification limits.