

## TECHNICAL DATA SHEET

# TC 20 i12

### Compounded Polyolefin

#### Product Description

A number series with just a C or T at the beginning indicates that the material is made from original materials. We can then add other components such as dye, anti-statics, etc. to this material according to the customer's requirements. We achieve 100% quality and the technical properties of this material are 100% consistent.

A number series with an RC or RT means that this material is made from PP recycle plus individual Talc or CaCO<sub>3</sub> filler as the raw input materials.

#### Product Characteristics

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0,9	g/cm <sup>3</sup>
Melt flow rate (MFR) (230 °C/2,16kg)	ISO 1133	16	g/10 min
Melt volume rate (MVR) (230 °C/2,16kg)	ISO 1133	13.5	cm <sup>3</sup> /10min
<b>Mechanical</b>			
Tensile modulus (Secant)	ISO 527-1, -2	2300	MPa
Tensile Stress at Yield (50mm/min)	ISO 527-1, -2	26	MPa
Tensile Strain at Yield (50mm/min)	ISO 527-1, -2	4,7	%
Flexural modulus (Secant)	ISO 178	2000	MPa
<b>Impact</b>			
Charpy notched impact strength (23 °C)	ISO 179	4	Kj/m <sup>2</sup>
Charpy notched impact strength (-20 °C)	ISO 179	3	Kj/m <sup>2</sup>
<b>Hardness</b>			
Ball indentation hardness (H 358/30)	ISO 2039-1	55	MPa
<b>Thermal</b>			
Heat deflection temperature A (1.80 Mpa) Unannealed	ISO 75A-1	56	°C
Vicat softening temperature B120	ISO 306	155	°C

For further information regarding the REMIVA GROUP company, please visit <http://remivagroup.cz>

## SPECIFICATIONS

<b>Kódy:</b>	<b>REMILEN</b>	<b>T</b>	<b>C</b>	<b>20</b>	<b>I</b>	<b>12</b>
TALCUM						
HOMOPOLYMER						
% ADITIVES						
INJECTING (i) EXTRUSION (x)						
MFI						