

TECHNICAL DATA SHEET

Compounded Polyolefin

TH 20 i12

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 CaCO₃ filler as the raw input materials.

Product Characteristics

Status

Test Method used

Availability

Features

Typical Properties

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.04	g/cm ³
Melt flow rate (MFR) (230 °C/2,16kg)	ISO 1133	12	g/10 min
Melt volume rate (MVR) (230 °C/2,16kg)	ISO 1133	13.5	cm ³ /10min
Mechanical			
Tensile modulus (Secant)	ISO 527-1, -2	3200	MPa
Tensile Stress at Yield (50mm/min)	ISO 527-1, -2	33	MPa
Tensile Strain at Yield (50mm/min)	ISO 527-1, -2	2	%
Flexural modulus (Secant)	ISO 178	2000	MPa
Impact			
Charpy notched impact strength (23 °C)	ISO 179	1,2	J/cm ²
Charpy notched impact strength (-20 °C)	ISO 179	1,1	J/cm ²
Hardness			
Ball indentation hardness (H 358/30)	ISO 2039-1	55	MPa
Thermal			
Heat deflection temperature A (1.80 Mpa) Unannealed	ISO 75A-1	106	°C
Vicat softening temperature B120	ISO 306	110	°C

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

SPECIFICATIONS

Kódy:

REMILEN TH 20 I 12

TALCUM

HOMOPOLYMER

% ADITIVES

INJECTING (i)
EXTRUSION (x)

MFI