

Mafill® CR HC 3541

Polypropylene
Industrial Quality Compound

Description:

Polypropylene, 30% Calcium carbonate filled, natural

General

MFI (230°/2,16kg)	ISO 1133	5	g/10min
Density	ISO 1183	1.14	g/cm ³
Linear mould shrinkage	ASTM D955	0.8-1.3	%

Thermal

HDT/A (1,82MPa)	ISO 75A	60	°C
Vicat softening point (B50 (50N))	ISO 306	85	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	3	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	24	MPa
Tensile strength at break (23 °C)	ISO 527	20	MPa
Elongation at break (23 °C)	ISO 527	25	%
Tensile modulus (23 °C)	ISO 527	1900	MPa
Flexural modulus (23 °C)	ISO 178	2000	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB	
Flammability (3,2mm)	UL94 (tested internally)	HB	
Glow wire flammability index (3mm)	IEC 60695-2-12	650	°C

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. Ravago industrial quality compounds are totally or partially produced with non-prime quality ingredients. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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Issue Date:
May 2023