

# Mafill® CR XC 5544

Polypropylene  
Industrial Quality Compound

## Description:

Polypropylene, 35% calcium carbonate

## General

MFI ((230°C/2,16 kg))	ASTM D1238	11	g/10min
Density	ISO 1183	1,18	g/cm <sup>3</sup>

## Thermal

Vicat softening point (B50 (50N))	ISO 306	75	°C
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## Mechanical

Izod notched impact strength (23 °C)	ISO 180	2,7	kJ/m <sup>2</sup>
Tensile strength at yield (23 °C)	ISO 527	22	MPa
Tensile strength at break (23 °C)	ISO 527	18	MPa
Elongation at break (23 °C)	ISO 527	15	%
Tensile modulus (23 °C)	ISO 527	2000	MPa
Flexural modulus (23 °C)	ISO 178	2100	MPa

## Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB
Flammability (3,2mm)	UL94 (tested internally)	HB

## Various

Ash content (600 °C)	ISO 3451	35	%
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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:  
Apr 2023