



# Mafill® CR XC 5344

## Ravago Manufacturing Europe - Polypropylene

### General Information

#### Product Description

Polypropylene compound, 20% calcium carbonate filled, black colour.

#### General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Calcium Carbonate, 20% Filler by Weight
Appearance	• Black

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	24.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	15	%	ISO 527-2
Flexural Modulus (23°C)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.0	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	80.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm		HB	
3.2 mm		HB	

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.