



# Mafill® CR XG 5544 M

## Ravago Manufacturing Europe - Polypropylene

### General Information

#### Product Description

PP compound, 30% glass fibre filled, black

#### General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Appearance	• Black

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

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Ash Content (600°C)	30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4800	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	59.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	57.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.0	%	ISO 527-2
Flexural Modulus (23°C)	4500	MPa	ISO 178
Flexural Stress (23°C)	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	35	kJ/m <sup>2</sup>	ISO 179
Notched Izod Impact Strength (23°C)	7.0	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	110	°C	ISO 306/B50

#### Notes

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