



# Mafill® CR XG 3544 H

Polypropylene  
Industrial Quality Compound

## Description:

PP Compound, 30% glass fibre filled, heat stabilised

## General

MFI (230°/2,16kg)	ISO 1133	7	g/10min
Density	ISO 1183	1,12	g/cm <sup>3</sup>

## Thermal

HDT/B (0,46 MPa)	ISO 75	155	°C
HDT/A (1,82MPa)	ISO 75A	141	°C
Vicat softening point (B50 (50N))	ISO 306	112	°C

## Mechanical

Izod notched impact strength (23°C)	ISO 180	10	kJ/m <sup>2</sup>
Izod notched impact strength (-30°C)	ISO 180	7	kJ/m <sup>2</sup>
Charpy notched impact strength (23 °C)	ISO 179	10	kJ/m <sup>2</sup>
Charpy unnotched impact strength (23 °C)	ISO 179	48	kJ/m <sup>2</sup>
Charpy notched impact strength (-30°C)	ISO 179	6	kJ/m <sup>2</sup>
Tensile stress at yield	ISO 527	80	MPa
Elongation at break	ISO 527	6	%
Tensile modulus	ISO 527	6000	MPa
Flex modulus	ISO 178	5700	MPa

## Various

Ash content		30	%
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