

# MACOMASS

Compounds Masterbatches



## Data sheet

Article: PP homo Compound, 20% mineral filled  
Description: **MM-PP HF 52**  
Colour: nature  
Article number: 210 310 000 Date: 19.08.2010

Property	Norm	Method	Unit	Value
Filler content			%	20
MFR / Melt flow rate	ISO 1133	230°C/2,16 kg	g/10 min	6,0 ± 2,0
Density	ISO 1183		g/cm <sup>3</sup>	1,05 ± 0,02
Tensile strength	ISO 527-2		N/mm <sup>2</sup>	≥ 30
Elongation at break	ISO 527-2		%	≥ 10
Flexural modulus	ISO 178		N/mm <sup>2</sup>	≥ 2500
Impact strength	ISO 179	23°C	kJ/m <sup>2</sup>	≥ 20
Notched impact strength	ISO 179	23°C	kJ/m <sup>2</sup>	≥ 4
Heat deflection temperature	ISO 75-1	Method A Method B	°C °C	65 123
Ball indentation hardness	ISO 2039	H 358/30	N/mm <sup>2</sup>	82
Shrinkage after 1h/100°C	ISO 294-4		%	1,6 ± 0,2