



# MC-83AG-2

## Compound

### Product description

MC-83AG-2 consist of calcium carbonate as filler and a homopolymer polypropylene as resin. Due to its good flowability, this grade is suitable for injection mouldings. This product is in pellet form with natural color. The product is also available in customer requested color.

**Applications:** injection moulded parts

## Product characteristics

<b>Processing methods</b>	Fiber, Injection moulding
<b>Features</b>	Good dispersion, good processability, good flowability, heat resistance
<b>Typical customer applications</b>	injection moulded parts

Typical properties	Method	Unit	Value
<b>Physical</b>			
MFI (230 °C, 2.16kg)	ISO 1133	gr/10min	27
Density	ISO 1183	gr/cm <sup>3</sup>	1.01
Ash content	ISO 3451	%	15
<b>Mechanical</b>			
Tensile strength at yield	ISO 527	N/mm <sup>2</sup>	30
Elongation at yield	ISO 527	%	5
Flexural modulus	ISO 178	N/mm <sup>2</sup>	2000
Izod impact strength (notched @23 °C)	ISO 180	KJ/ m <sup>2</sup>	3.5
Hardness shore D	ISO 868	points	71

**Note:** Typical properties; not to be construed as specifications

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