



# MC-82AH-2

## Compound

### Product description

MC-82AH-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 and fiber spinning. This product is in pellet form with natural color. The product is also available in customer requested color.

**Applications:** injection moulded parts, fibers at medium to high spinning speeds

### 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, CF and staple fibers at medium to high spinning speeds; straps for backpack, safety belts.

### 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>	0.97
Ash content	ISO 3451	%	10
<b>Mechanical</b>			
Tensile strength at yield	ISO 527	N/mm <sup>2</sup>	31
Elongation at yield	ISO 527	%	6
Flexural modulus	ISO 178	N/mm <sup>2</sup>	1900
Izod impact strength (notched @23 °C)	ISO 180	KJ/ m <sup>2</sup>	3.5
Hardness shore D	ISO 868	points	70

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

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