

Description

Finalloy MB-50/HE is a **50% mineral-filled masterbatch**, which has been developed to be mixed with Polypropylene PPC7810B or PPC10810 directly on the injection molding machine. The resulting talc-filled and elastomer-modified PP compound is especially suitable for the injection molding of bumpers.

Finalloy MB-50/HE can be added to Polypropylene as follows:

- **20%** of MB-50/HE + 80% PP → **10% filled PP compound**
- **30%** of MB-50/HE + 70% PP → **15% filled PP compound**
- **40%** of MB-50/HE + 60% PP → **20% filled PP compound**

In order to adjust the dimensions of the final parts more or less MB-50/HE could be dosed.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	3
Mechanical properties			
Tensile Strength at Yield	ISO 527	MPa	15
Tensile Strain at Yield	ISO 527	%	9
Elongation at break	ISO 527	%	50
Other physical properties			
Ash content	ISO 3451-1A	%	50
Density	ISO 1183	kg/m ³	1340

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