



PP - MB B110

Black Masterbatch

Description

PP- MB B110 is a mixture of carbon black with a suitable HD polyethylene polymer base. Black master batches have two general applications, either separately or in conjunction: 1) As a coloring agent for polymer bases 2) As a protection layer against ultraviolet (UV) radiations. Given a specific use-case, we can create and optimize the black masterbatch, adjusting the black carbon and polymer base to the customer's required specifications.

Applications

Black master batches are typically used in industries such as film, pipe and home appliances, injection molding, blow molding, plastic container industries, and many more.

Physical Properties

Property	Value	Unit	Test Method	Conditions
Density	1.11±0.02	g/cm ³	ISO 1183	23 ±2 C 45% humidity
Melt Flow Rate	≤0.5	gr/10min	ISO 1133	190 C/5kg
Carbon Black Content	40±2	%	ISO 6964	ISO 6964-Part 5
Moisture Content	≤0.5	% Wt	ISO 15512	23 ±2 C 45% humidity
Oxidation Induction Time	≤20	Min	ISO 11357	200 C
Carbon Black Dispersion	<3	Grade	ISO 18553	-----