



Product Overview

Filler compounds for masterbatch use

Filler	Polymer	Concentration	Color	Typical applications
Calcium carbonate	PP copolymer	up to 80%	natural	injection molding, extrusion
	PP copolymer	up to 70%	natural / white	extrusion: breathable film, cast film, blow film
	PP homopolymer	up to 80%	natural	injection molding, extrusion
	PP homopolymer	up to 70%	natural / white	extrusion: breathable film, cast film, blow film
	PE-LD	up to 80%	natural	injection molding, extrusion
	PE-LLD	up to 85%	natural	injection molding, extrusion
	PE-LLD	up to 70%	natural / white	extrusion: breathable film, cast film, blow film
	PE-HD	up to 65%	natural	injection molding, extrusion

Filler	Polymer	Concentration	Color	Typical applications
Talc	PP copolymer	up to 75%	natural, colored	injection molding, extrusion
	PP homopolymer	up to 75%	natural, colored	injection molding, extrusion
	PE-LD	up to 75%	natural, colored	injection molding, extrusion
	PE-LLD	up to 75%	natural, colored	injection molding, extrusion
	PE-HD	up to 60%	natural, colored	injection molding, extrusion

Apart from the listed filler / agent combinations compounds with wollastonite, mica, barium sulfate, and other fillers are possible. A number of other carrier polymers are also possible. The maximum load varies depending on the grain size of the filler and the nature of the polymeric carrier. We offer tests on a pilot line.

Mineral filled / reinforced compounds

Base Polymer	Filler	Concentration	Color	Typical applications
PP copolymer	calcium carbonate	up to 50%	natural, colored	injection molding, extrusion
PP homopolymer	talc	up to 50%	natural, colored	injection molding, extrusion
PE-LD	wollastonite	up to 50%	natural, colored	injection molding, extrusion
PE-LLD	glimmer	up to 40%	natural, colored	injection molding, extrusion
PE-HD	barium sulfate	up to 60%	natural, colored	injection molding, extrusion
Polyolefins	glass beads	up to 50%	natural, colored	injection molding, extrusion
Polyolefins	glass fiber	up to 50%	natural, colored	injection molding, extrusion

Electrically conductive compounds

Base Polymer	Filler	Concentration	Color	Typical applications
PP copolymer	conductive carbon black	up to 15%	black	extrusion
PP homopolymer	conductive carbon black	up to 15%	black	extrusion
PE-LD	conductive carbon black	up to 15%	black	extrusion
PE-LLD	conductive carbon black	up to 15%	black	extrusion
PE-HD	conductive carbon black	up to 15%	black	extrusion

Apart from the listed compounds, a number of other variations can be offered which are tailor-made for the customers' specific requirements. Depending on the application, the addition of other additives, pigments, fire protection additives, UV stabilizers as well as blends of different polymers are possible. It will be our pleasure to assist you.