

## SEMKİM MASTERBATCH GRADES and APPLICATION AREAS

### COLOR MASTERBATCHES

Semkim has over eighty Color Masterbatch grades. Main base polymers are LDPE, LLDPE virgin grades.

Application areas are blown film, blow molding, injection molding, sheet, cable, pipe, raffia extrusion technologies.

### ADDITIVE AND FILLER MASTERBATCHES

Semkim has many Additive Masterbatch grades for different purposes. Application areas are blown film, blow molding, injection molding, sheet, cable, pipe, raffia extrusion technologies.

Additive and Filler Masterbatches are as following.

Line	Code	MB Types	Application Areas
1	GL 19300	Film MB	Blown Film, thin film,
2	GL 19400	Processing Aid MB	Blow Molding, Injection Molding, Pipe, Cable
3	GL 19500	UV MB	Blown Film, greenhouse film,
4	GL 19502	Antiblocking MB	Blown Film, thin film, Blow Molding, Injection Molding
5	GL 19509	Antisplit MB	Blown Film, thick film, Blow Molding, Raffia,
6	GL 19511	Antistatik MB	Blown Film, thick film, Blow Molding, Injection Molding
7	GL 19600	Optical Brightener MB	Blow Molding, Injection Molding, Pipe, Cable
8	GL 19609	Slipping MB	Blown Film, thin film, Blow Molding, Injection Molding
9	GL 19611	Antisplit and Slip MB, combined	Blown Film, Blow Molding, Injection Molding, Raffia,
10	GL 19615	Deodorizer MB	Blow Molding, Injection Molding, Pipe, Cable
11	GL 19625	Antioxidant MB	Blown Film, thin film, Blow Molding, Injection Molding
12	GL 19675	Desiccant MB	Blow Molding, Injection Molding, Pipe, Cable

### ADDITIVE MASTERBATCHES

As base polymer LDPE, LLDPE virgin grades are used for Masterbatches and Compounds.

**Film MB** : Improves film quality, better softness, gloss, transparency, mechanical properties.

Allows thin film production.

**Processing Aid MB** : Prevents die-build up, increase the product surface quality, increase energy efficiency.

**UV MB** : UV absorber and light stabilizer additive masterbatch, extends the lifetime of Greenhouse or Packaging films or products against UV radiation of sun. Prevents degradation of plastic products.

**Antiblock MB** : With antiblocking effect film layers can open easier. Improves film quality.

**Antisplit MB** : Increase mechanical properties, decrease costs. It's used also as filler.

**Antistatic MB** : It's used to prevent the static electricity of plastic products during the extrusion.  
Also prevent dust formation on the products.

**Optical Brightener MB** : Optical brighteners are used to make polymer whiter and brighter.

**Slip MB** : It helps to increase film quality, prevents adhesions of film, film layers can open easier.  
It helps also homogenous mixing of additives by extrusion.

**Antioxidant MB** : Cares the plastics against thermal degradation during extrusion.

**Desiccant MB** : Prevents vapors during extrusion process. Increase surface smoothness.

**Note** : Please contact our sales department for detailed information and about your process needs.

We produce also taylor made masterbatch and compounds.

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