

BLACK MASTERBATCHES

SPL has developed a standard range of black master batches based on PE, PS and PP. Black Masterbatches are produced with virgin resins, high quality modified carbon black & additive package designed to give excellent performance & ultraviolet (UV) protection. We offer a wide range of black masterbatches for various advanced processing methods viz. Extrusions, Moldings & Thermoforming. The grades are produced on state of the art equipments and complying with stringent quality standards, to meet the functional requirements of a wide range of applications like Blown films (mono & multi layer), pipe extrusion, extrusion coating, Thin and thick wall injection molding, injection blow molding, roto molding, geomembranes and many others.

SALIENT FEATURES

- ❖ High jetness (Super Jet black), Gloss and Tinting Strength.
- ❖ Excellent UV stability & good weather resistance.
- ❖ Good flow properties ensuring excellent dispersion & ease of dilution.
- ❖ Superior rheology, processing stability.
- ❖ Additive package for ease of processing, surface aesthetics and thermal stability.
- ❖ Excellent Filterability causes low back pressure during long process.
- ❖ Low moisture content.
- ❖ Compliant with food contact application.
- ❖ Heavy metal free, RoHS compliant.
- ❖ Range of grades available in PE, PP, PS and universal carrier resin.
- ❖ Custom formulations depending upon order quantity.

PRODUCT CODE	CARBON BLACK %	CARRIER	RESIN	RECOMMENDED APPLICATIONS
SP7105 7501	40		PE	Mulch film, mono and multi layer blown films down to 20 microns, lamination, extrusion sheet, pipes, non woven, drip laterals.
SP7105 7502	57		PE	General purpose extrusion films, silage films, garbage bags, injection molding, roto & blow molding, drip laterals & geomembranes.
Sp7105 7503	40		PE	General purpose extrusion films, mono and multilayer blown films down to 20 microns, mulch films, lamination, coating, drip laterals, tarpaulins.
SP7105 7504	45		PE	Mono and multilayer blow films, mulch films lamination, coating, drip laterals, tarpaulins.
SP7105 7505	50		PE	Pipes, blown film, injection molding, roto molding, tarpaulins.
SP7105 7506	55		PE	Pipes, blown film, injection molding, roto molding, tarpaulins.
SP7105 7507	55		PE	Pipes, blown film, injection molding, roto molding, where high gloss is required.
SP7105 7509	50		PE	Pipes, blown film, injection molding, roto molding, tarpaulins.
SP7105 7510	50		PE	Pipes, blown film, injection molding, roto molding, tarpaulins.

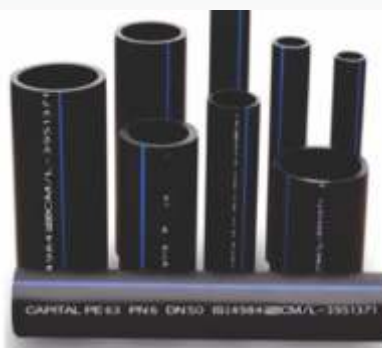
These product ranges comprises particularly special carbon blacks to gives range of properties with quality, reliability and high performance. Our dispersion technology, additive package and raw material expertise, allows processors to achieve the desired quality without any extra efforts.

BLACK MASTERBATCH PRODUCT HIGHLIGHTS:

- ❖ Excellent dispersion & thermal stability.
- ❖ Ease of dilution.
- ❖ Durability against extreme weather conditions & UV stability.
- ❖ Food contact acceptable grades.
- ❖ Super jet blacks & outstanding opacity.
- ❖ Excellent rheology.
- ❖ Highly loaded products up to 55% with smooth surface finish.
- ❖ Custom masterbatches & compounds.

BLACK MASTERBATCH APPLICATION AREAS:

- ❖ Thin films (Silage, Mulch, Garbage bags, Stretch wrap).
- ❖ Thick films and sheet extrusion for packaging.
- ❖ Pipes and drip irrigation laterals.
- ❖ Roto molding / Injection molding / Blow molding.
- ❖ Woven sack & Non-woven fabrics.
- ❖ Geomembranes.
- ❖ Electronic applications.



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