COSMO SPECIALITY CHEMICALS
Coatings | Adhesives | Masterbatches

Masterbatch Solutions for Flexible Packaging

Performance in Every Layer

CosmoWhite™ – Whiteness Engineered for Excellence
CosmoAdd™ – Engineered Additives for Perfected Performance

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White Masterbatches

CosmoWhite™ *Whiteness Engineered for Excellence*

CosmoWhite™ white masterbatches bring dazzling opacity, brilliant whiteness, and superior consistency to plastics. Engineered for excellence, they deliver unmatched performance across film and extrusion coating applications, ensuring products stand out with exceptional quality and reliability.

Product Portfolio

Grade	Carrier Resin	Applications	Description
L800	PE	Blown Film	70% TiO_2 – Very high opacity with excellent dispersion; versatile general-purpose grade
L800CW	PE	Blown Film	70% TiO_2 – Very high opacity with brilliant whiteness; cool white tone; premium film quality
L831	PE	Blown Film	70% Opacifier – Economical solution offering high opacity and improved processing
L806	PE	Blown Film	60% TiO_2 – High opacity with excellent dispersion; versatile general-purpose grade
L811	PE	Blown Film	60% TiO_2 – Cost-effective grade with high opacity
L814E	PE	Blown Film / Moulding Thermoforming	40% TiO_2 – Cost-effective grade with balanced opacity; delivers a cool white tone; suitable for PE/PP/HIPS
L816E	PE	Blown Film	20% TiO_2 – High mineral loading for significant cost reduction; delivers moderate opacity
EC805	PE	Extrusion Coating	50% TiO_2 – Widely adopted grade; provides excellent surface finish with a brilliant cool white tone
EC806	PE	Extrusion Coating	60% TiO_2 – Ensures superior surface finish with a brilliant cool white tone
EC807	PE	Extrusion Coating	70% TiO_2 – Delivers very high opacity with outstanding surface finish and a brilliant cool white tone
P800	PP	BOPP / CPP	70% TiO_2 – Very high opacity with a standard white tone
P806	PP	BOPP / CPP	60% TiO_2 – High opacity with a standard white tone, enhanced processing performance

Whiteness Perfected

CosmoWhite™ delivers dazzling opacity, brilliant whiteness, and consistent dispersion across films and extrusion coating.

Performance Engineered

Speciality additive masterbatches engineered to enhance processing, functionality, aesthetics, and overall product performance.

Additive Masterbatches

CosmoAdd™ *Engineered Additives for Perfected Performance*

CosmoAdd™ additive masterbatches are designed to streamline processing, enhance product quality, and unlock superior performance in films, packaging, and other polymer applications. With a portfolio designed to meet the evolving needs of converters and brand owners, CosmoAdd™ ensures reliability, innovation, and value in every process.

Product Portfolio

Grade	Carrier Resin	Functionality	Content (%)	Description
PA3L	PE	PPA	3	Standard PPA for PE blown film
PA5L	PE	PPA	5	Standard PPA for PE blown film
SE5L	PE	Slip	5	Slip agent for PE blown film; reduces coefficient of friction
SE5P	Homo-PP	Slip	5	Slip agent for BOPP/CPP; ensures smooth handling
ASTA101	Homo-PP	Antistat	12.5	Balanced antistatic formulation for immediate and long-term performance for BOPP/CPP
ASPS501	Homo-PP	Antistat + Slip	15	Combined antistatic and slip agents for BOPP/CPP; delivers low CoF
PL70	Homo-PP	Pearlised	70	Mineral based, for production of pearlised BOPP for cost-sensitive packaging; lower film density
PL70XG	Homo-PP	Pearlised	70	Mineral based, for production of high-gloss pearlised BOPP for cost-sensitive packaging
OPL230	Homo-PP	Pearlised	30	Organic based, strong pearlescent shine for premium BOPP packaging, labels, and durable film
OPL240	Homo-PP	Pearlised	40	Organic based, enhanced pearlescent shine for high-end BOPP packaging and specialty film
Pbloc20VT	Co-PP	Antiblock	5	For metallisable BOPP/CPP films; high transparency, suited for standard skin layers
Mat-X25	-	Matt	-	Standard matt for BOPP/CPP films; high haze, low gloss, excellent processing
Mat-L15	-	Matt	-	Low SIT (115°C) matt for BOPP/CPP films; heat-sealable with excellent matt properties
Mat-L05	-	Matt	-	Low SIT (105°C) matt for BOPP/CPP films; heat-sealable with excellent matt properties
AO5L	PE	Antioxidant	5	For processing and long-term heat stabilization in PE films
AO5P	Homo-PP	Antioxidant	5	For processing and long-term heat stabilization in PP applications; supports machine shutdowns and rework cycles
AO5C	Co-PP	Antioxidant	5	For processing and long-term heat stabilization in PP films; for heat-sealable films

Versatile Applications

Tailored grades for PE and PP in blown film, extrusion coating, and BOPP/CPP.

Optimized Processing

Smooth extrusion, reduced defects, improved runnability, and enhanced film quality.

ABOUT PARENT COMPANY

Established in 1981 by Mr Ashok Jaipuria, Cosmo First Limited is an over four-decade-old global conglomerate. Its consumer vertical comprises Cosmo Consumer, which is into Window Films, Paint Protection Films & Ceramic Coatings for automobiles, and Zigly Pet Care, which provides a digital-first omni channel pet care ecosystem. Its industrial vertical includes Cosmo Films for speciality films for packaging, labels, lamination, and industrial applications; Cosmo Speciality Chemicals for coatings, adhesives and masterbatches, and Cosmo Plastech for rigid packaging. With sustainable innovation, development, and research embedded in its core values, Cosmo First serves customers in 100+ countries.

RESEARCH & DEVELOPMENT

Our cutting-edge R&D facility is equipped with a comprehensive suite of advanced analytical and processing instruments, enabling precise product characterization and innovation at the molecular level.

- Analytical Capabilities: FTIR, FTIR-Microscope, DSC, TGA, DMA, GC-MS, SEM-EDS, Optical Microscope, Particle Size Analyzer, Intrinsic Viscosity Analyzer, and Filter Pressure Test Machine.
- Processing Capabilities: Blown Film Line, Cast Film Line, Twin Screw Lab Extruder, and Advanced Film Stretcher (KARO-IV).

With this robust infrastructure, our scientists deliver precision, reliability, and breakthrough innovation in every stage of product development.

Head Office / Delhi Sales Office

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