33 YEARS OF ADDING GOOD

India's Most Trusted Masterbatch Manufacturer

For over three decades, our purpose has been Adding Good to plastics to make them safer, sustainable, and more valuable. We provide innovative solutions to serve the ever-changing needs of the industry, powering rapidly evolving markets in packaging, mobility, infrastructure, and agriculture across the value chain.

Award Portfolio

- 2 National Awards for Innovation
- 2 Golden Peacock Awards for Innovation
- 1 Award for Energy Efficiency
- 5 Awards for Water Management
- 2 Awards for Export Excellence

Our Portfolio

- Color Masterbatches
- Additive & Functional Masterbatches
- Black Masterbatches
- White Masterbatches
- Mineral Masterbatches
- Mono Pigment Concentrates

Key Applications

- Agriculture & Horticulture
- Automotive & Transportation
- Rigid & Flexible Packaging
- Building & Construction
- Consumer Durables
- Technical Textile & Fibres

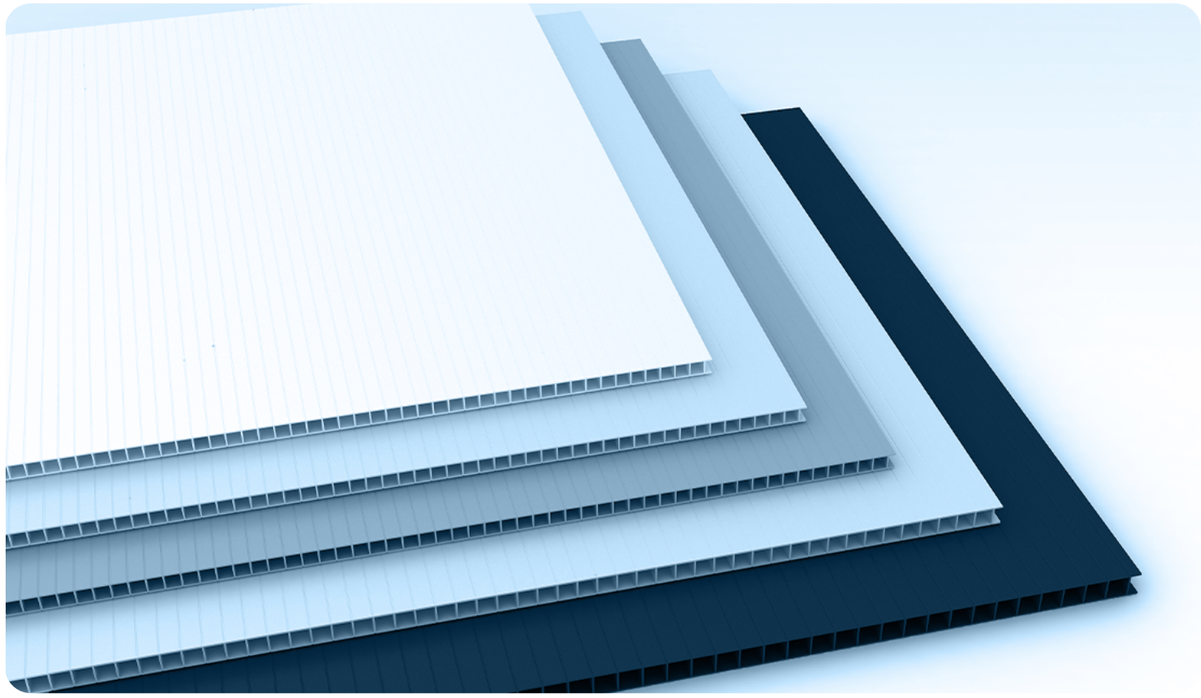
Global Footprint

- 130K+ Tonnes Masterbatch Production per year
- 85M+ Consistently Growing Sales
- 45+ Countries Served Across the Globe
- 6 Automation Enabled Manufacturing Facilities
- 2 State-of-the-Art Testing and R&D Facilities
- 1 Joint Venture in Paraguay

ALOK TECHNOLOGY INCUBATION CENTRE

Co-created at ATIC

ALOK



High-Performance Talc Masterbatch Solutions

Optimized solutions for advanced corrugated board applications.

Transparent Raffia | Alveolar Sheet | PET Extrusion | PP Sheet Extrusion

ALOK TK 7556 Masterbatch is a specialised talc masterbatch for PP sheet extrusion, transparent raffia, alveolar sheet (flute board), and PET extrusion applications used in plastic manufacturing processes to improve various properties of the final product.

Seamless Processing Stability | Enhanced Efficiency
Superior Aesthetics | Weight Optimization

The ALOK TK 7556 Advantage

- Addition levels range from 5% to 50%.
- Improves properties of final products including processing stability and output improvement.
- Enhances cell formation and appearance.
- Enables grammage reduction and resists die buildup.

Performance Evaluation Trial

Background: A production trial was conducted to evaluate the processing performance of ALOK Talc Masterbatch as an alternative to Competitor's MB in corrugated board applications.

Objective: To assess processing stability, output improvement, cell formation, grammage reduction, appearance, and die buildup behaviour at various filler loading levels.

Trial I: 350 gsm Corrugated Board

Objective: To evaluate processing performance and thin-wall formation at increased TALC MB loading levels.

Trial Conditions:

Application: Corrugated board

Target Grammage: 350 gsm

Reference Loading: 10% Competitor MB

Key Observations

- 10% ALOK: Comparable performance to Competitor MB.
- 25% ALOK: Stable processing and acceptable product quality.
- Output increased by 7% (achieving 7.5 m/min).
- Durability: No die buildup observed during overnight continuous run.



ALOK TECHNOLOGY INCUBATION CENTRE

ALOK MASTERBATCHES www.alokmasterbatches.com

Trial II: High Grammage Application (Amazon Box)

Objective: To evaluate appearance, cell structure, grammage reduction capability, and output increase potential.

Trial Conditions:

Application: Corrugated board (Amazon Box)

Initial Grammage: 2600 gsm

Reference Loading: 15% Competitor MB

Key Observations

- 15% ALOK: Visibly whiter and less grey compared to Competitor MB.
- 30% ALOK: Demonstrated very good appearance and uniform, well-defined cell formation.
- Efficiency: Grammage reduced from 2600 gsm to 2400 gsm while maintaining product quality.
- Output: 15% output increase achieved at 2400 gsm with stable processing.
- Whiteness: Visibly whiter compared to 15% loading of Competitor MB.



Conclusions

- Improved appearance and whiteness.
- Better cell formation at higher filler loadings.
- Significant grammage reduction achieved.
- Defined and stable processing window with increased output.
- No die build-up formation observed during extended machine operation.