



Your Satisfaction Is Our Confidence

VIBGYOR POLY ADDITIVES PVT. LTD.

Mfrs. Of: Plastic Masterbatches, Compounds, Additives & Fillers



POWERING INDUSTRIES. ENHANCING LIFE.

High Performance Masterbatches & Compounds
for Every Application



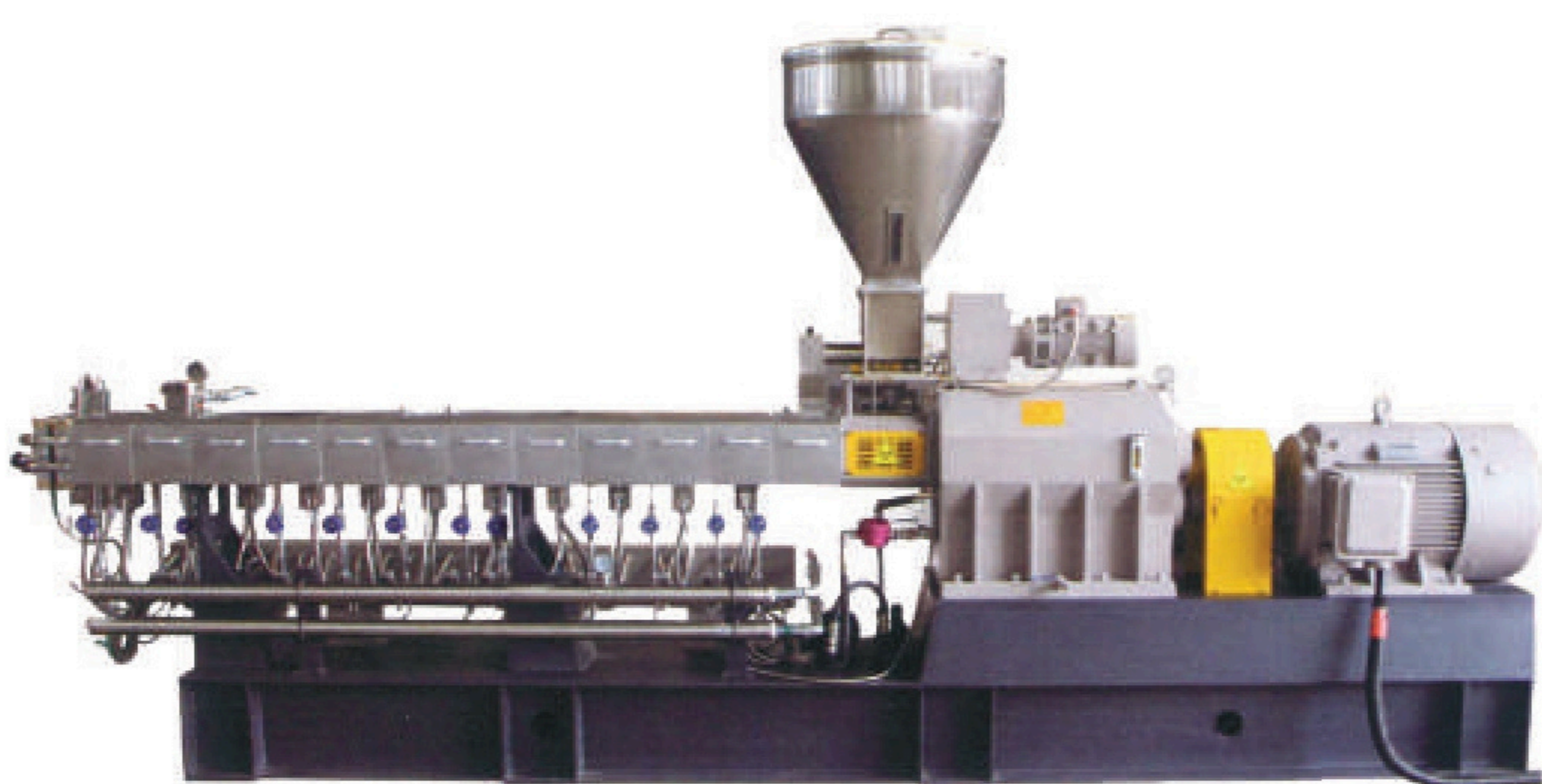
ONE BRAND. ENDLESS POSSIBILITIES.

ABOUT THE COMPANY

- As one of India's leading specialty compound manufacturers and exporters, we, at Vibgyor Poly Additives Private Limited, contribute to value creation with innovative and sustainable solutions for customers from various industries, with a manufacturing capacity of 18,000 MT Per Annum. We are guided by the principles and expertise of our Founder and CMD, Mr. Vimalesh Gupta, who, with his 25+ years of experience is now a noted stalwart of the plastic industry.

RESEARCH WING

- Our highly skilled R&D team, equipped with most sophisticated technologies and instruments, focuses on New Product Development & Product Improvements setting new benchmarks every day.
- Instruments:**
 - MFI Testing
 - Ash Content testing
 - Filter Pressure Value Testing
 - Carbon-Content Testing
 - Surface Resistivity Testing
 - Spectrophotometer & Glossmeter
 - Tensile Strength
 - Particle Size
 - Digital Density
- Machinery:**
 - Twin-Screw Extruders
 - Kneader Compounders
 - Injection Moulding Machine
 - Two-Roll Mill

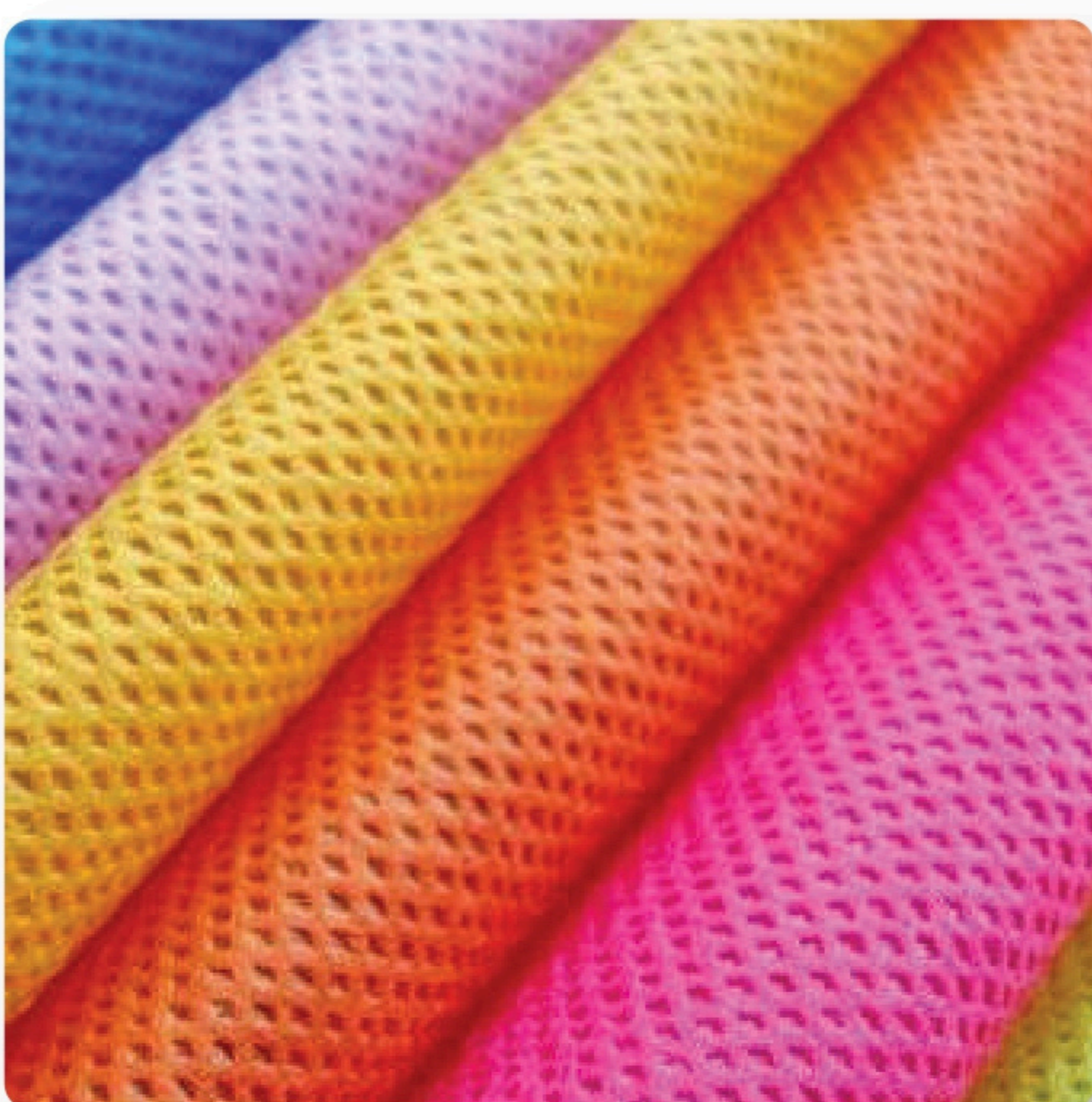
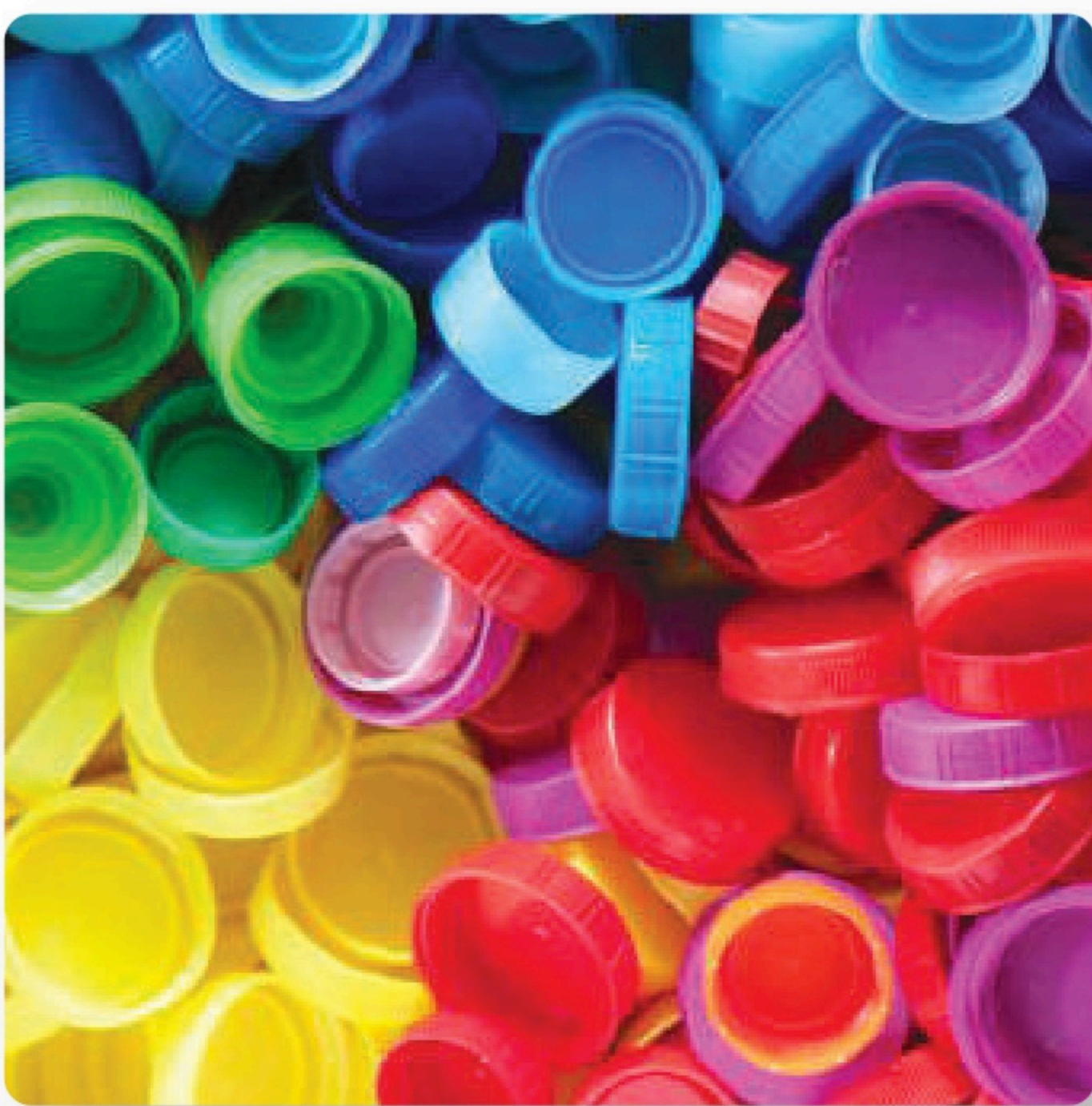


COLOUR MASTERBATCHES

- **VIBGYOR® Colour Masterbatches** are created with the highest quality of pigments, virgin resin & hand-picked additives in the most sophisticated twin-screw extruders to give the finest colour blends to customers for a wide spectrum of applications.

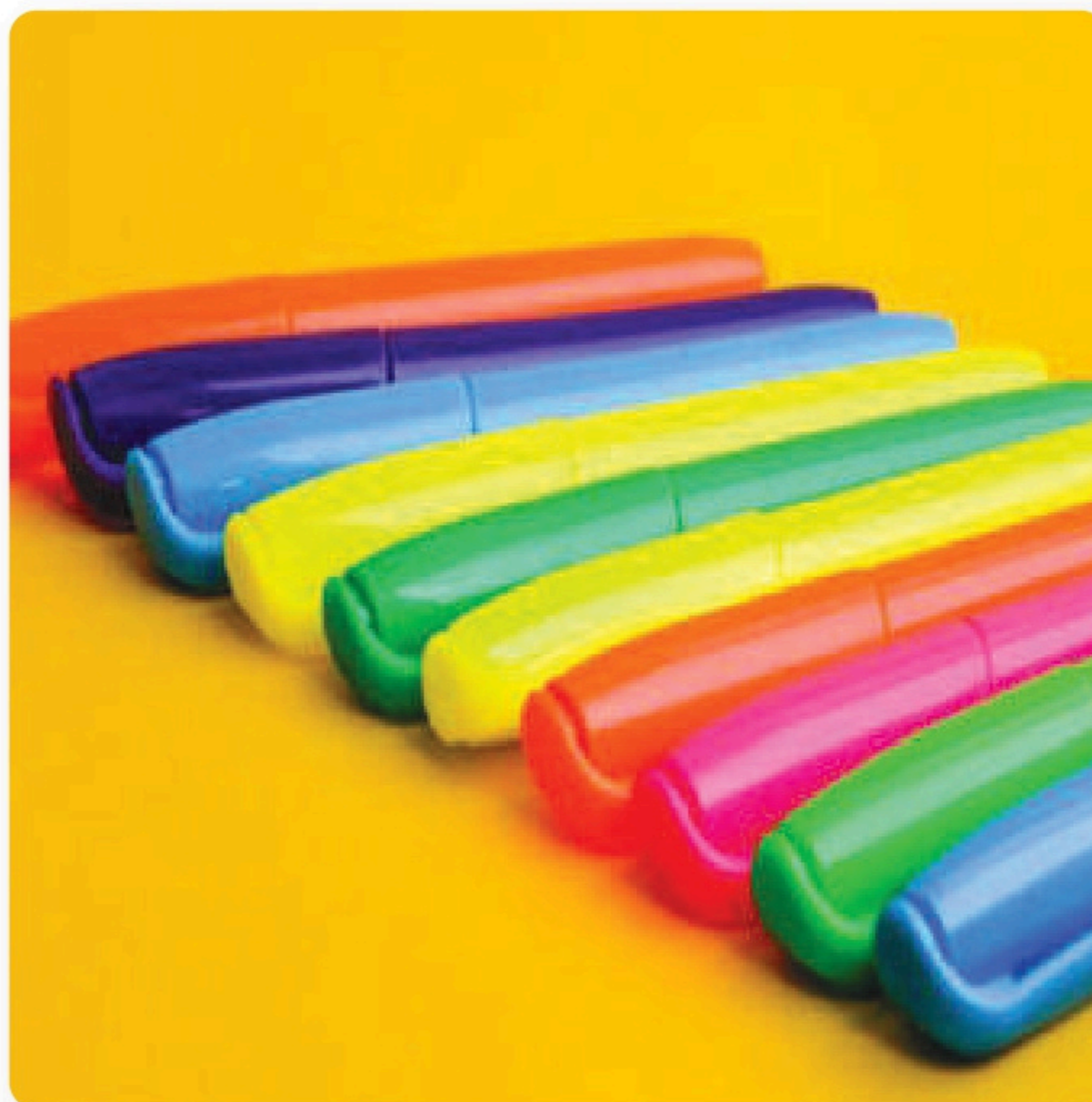
ADVANTAGES:

1. Custom Shades
2. High Weather Fastness
3. High Light Fastness
4. Low addition percentage



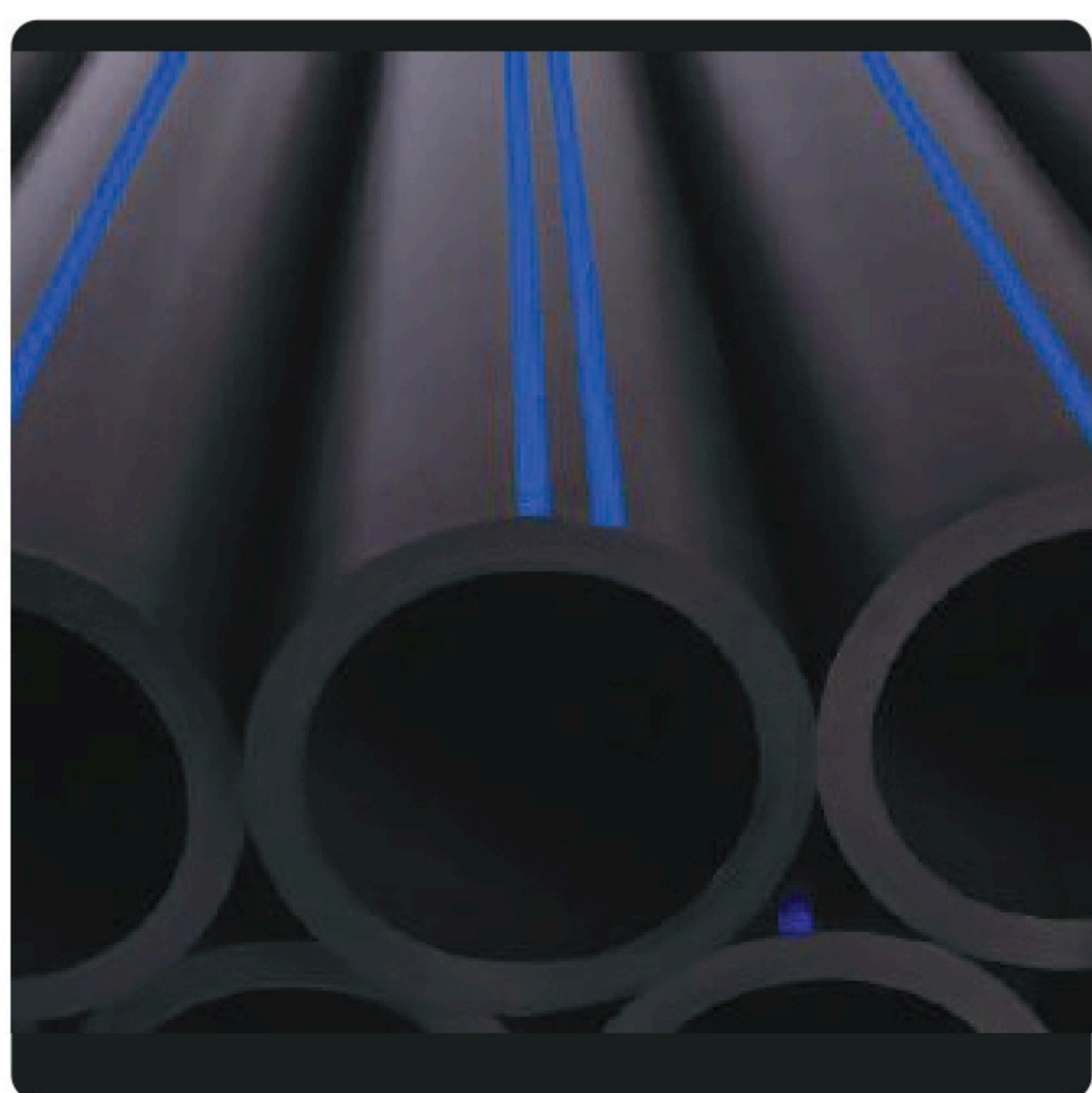
SPECIAL EFFECT MASTERBATCHES

- **Pearlescent Masterbatches**
- **Fluorescent Masterbatches**
- **Metallic Masterbatches**
- **Marble And Granite Effect Masterbatches**
- **Sparkle Effect Masterbatches**



SUPER BLACK MASTERBATCHES

- **VIBGYOR® Super Black Masterbatches** are a combination of high-quality Carbon-Black, incorporated with virgin resin and specific additives in a pelletised form, to give maximum benefit to end-product properties. We have a wide range of grades for various applications,



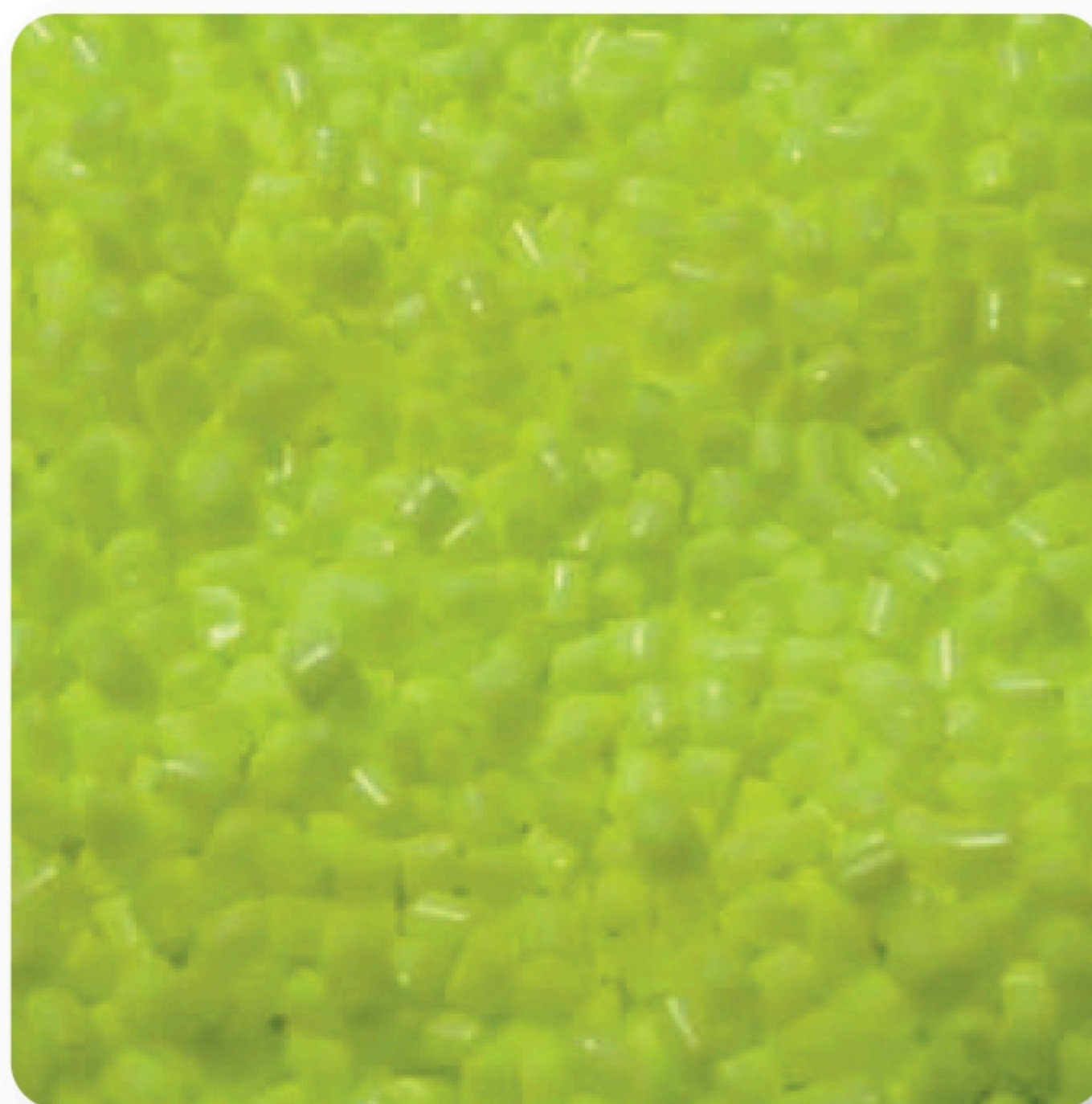
SUPER WHITE MASTERBATCH

- **VIBGYOR® Super White** Masterbatches are made from high-grade micro size Rutile Titanium Dioxide, virgin polymer resin and hand-picked additives to give the best possible dispersion. We have a wide range of products (10% - 80% TiO₂ content) to provide for a huge spectrum of end-applications.



ADDITIVE MASTERBATCHES

- **Desiccant/Anti-Moisture** – Remove moisture and fisheye effect.
- **Optical Brightener** – Impart whiteness and brightness to end-product.
- **Slip MB** – Reduce friction and adhesion of adjacent surfaces of film.
- **UV Stabiliser** – Prevent photo-degradation of polymer.
- **Mould Release MB** – Prevent bonding of product surface with mould surface.
- **Antistatic** – Reduce buildup of static charges on film surface.
- **Anti-block** – Minimize film-to-film surface adhesion.
- **Polymer Processing Aid** – Improve Process Efficiency and Increase Output.
- **Antioxidant** – Prevent thermal degradation of polymer.
- **Vapour Corrosion Inhibitor** – Prevent surface corrosion of packed metals.
- **PIB Compound** – For LDPE/LLDPE self-adhesive Stretch Film & Cling-Wrap.
- **Purging Compound** – Easy cleaning of screw barrel and machinery.
- **Clarifying/Nucleating Agent** – Increase transparency & clarity of PP articles.
- **Antifog** – Prevent water vapour condensation in food packaging and film surface.
- **Anti-scratch** – Reduce scratches and scuffs on product surface.

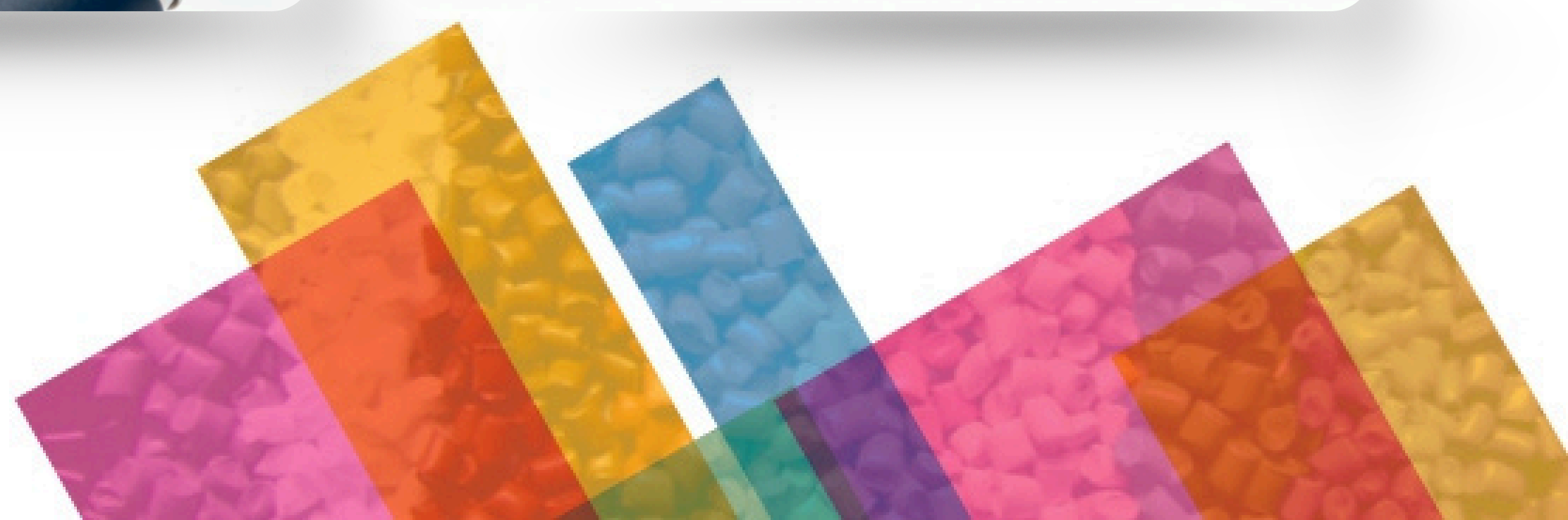


SPECIALITY THERMOPLASTIC ELASTOMER COMPOUNDS

- **VIBGYOR** produces a wide range of Thermoplastic Elastomer Compounds such as TPE, TPO, TPV, TPR, TPC, TPU for a variety of applications such as window gaskets, carpet backing, automotive seals and trims, glazing profiles, appliance gaskets, grips and handles, cable and connector overmolding, soft-touch housings, and custom industrial profiles.

ADVANTAGES:

- Excellent elasticity and soft-touch with tunable hardness Thermoplastic
- processing on standard extrusion and injection lines; recyclable regrind
- Weather, ozone, and UV resistance with good light fastness
- Strong adhesion to PP, PA, PC/ABS, PBT, ASA, PMMA, PVC



MASTERBATCHES FOR PVC & WPC

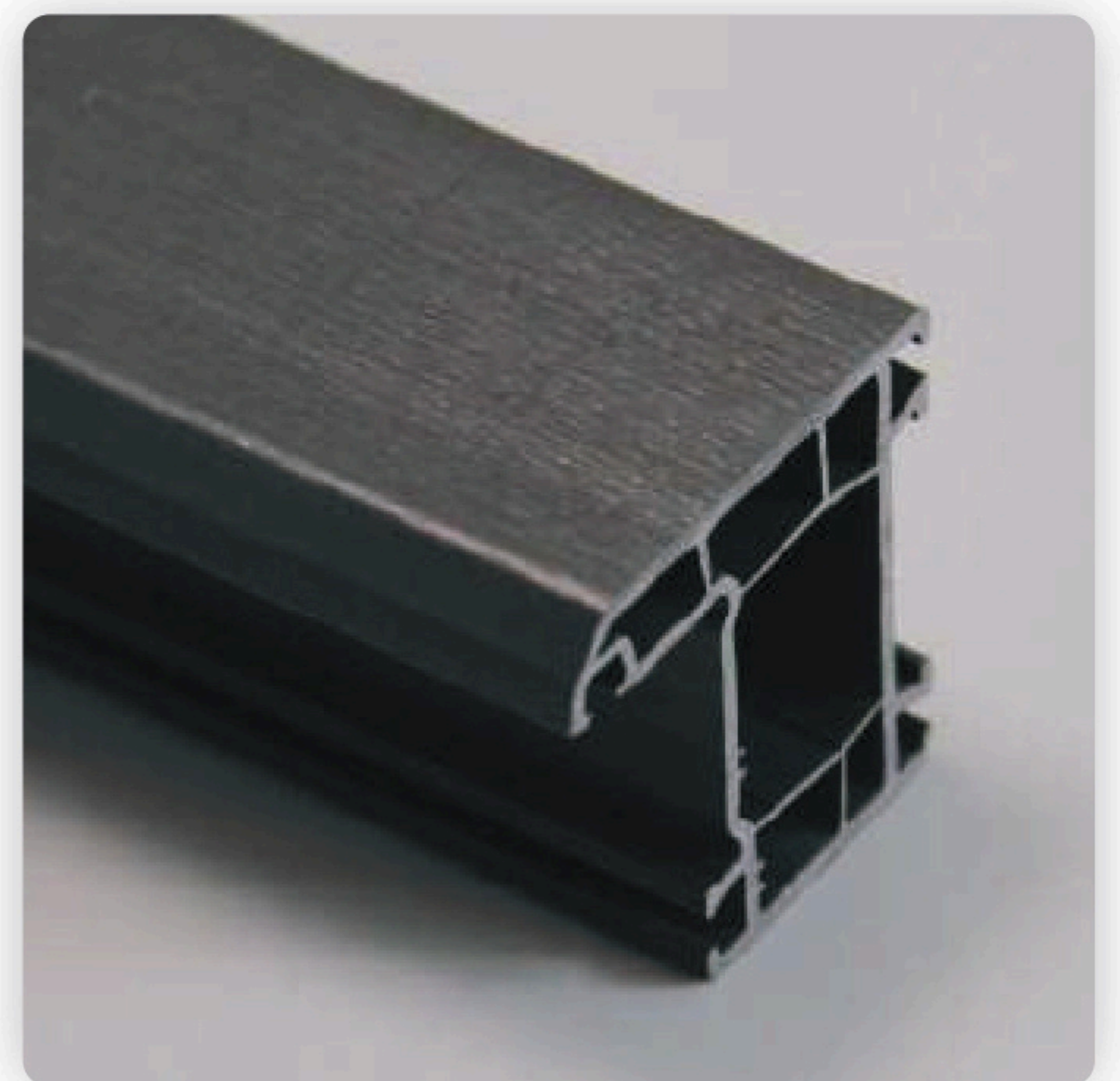
- **VIBGYOR®** has an extensive range of Masterbatches for the PVC industry for a variety of applications including u-PVC Doors & Window Profiles, WPC Doors & Door Frames, WPC Panels, PVC Pipes and Fittings and so on. It is available in various colours.

ADVANTAGES:

1. **UV - Stabilised:** Contains blends of UV Stabilisers and Antioxidants for long-life of product.
2. **Versatile:** Compatible with Masterbatch Doser, High Speed Mixer & Dry Blending.
3. **Excellent Surface Finish:** Gives superior gloss and lustre.
4. **Super Compatible:** Made using universal resin, compatible with everything plastic

Available in:

1. Non-Spilling Pigment Form
2. Granule Form
3. Pigment Form



ASA & PMMA Compounds

- **VIBGYOR[®] ASA (Acrylonitrile Styrene Acrylate) and PMMA (Polymethyl Methacrylate)** are high-performance compounds widely valued in engineering and manufacturing. While both exhibit outstanding weatherability compared to standard plastics like ABS, their distinct mechanical, optical, and thermal profiles suit them to different industrial applications.

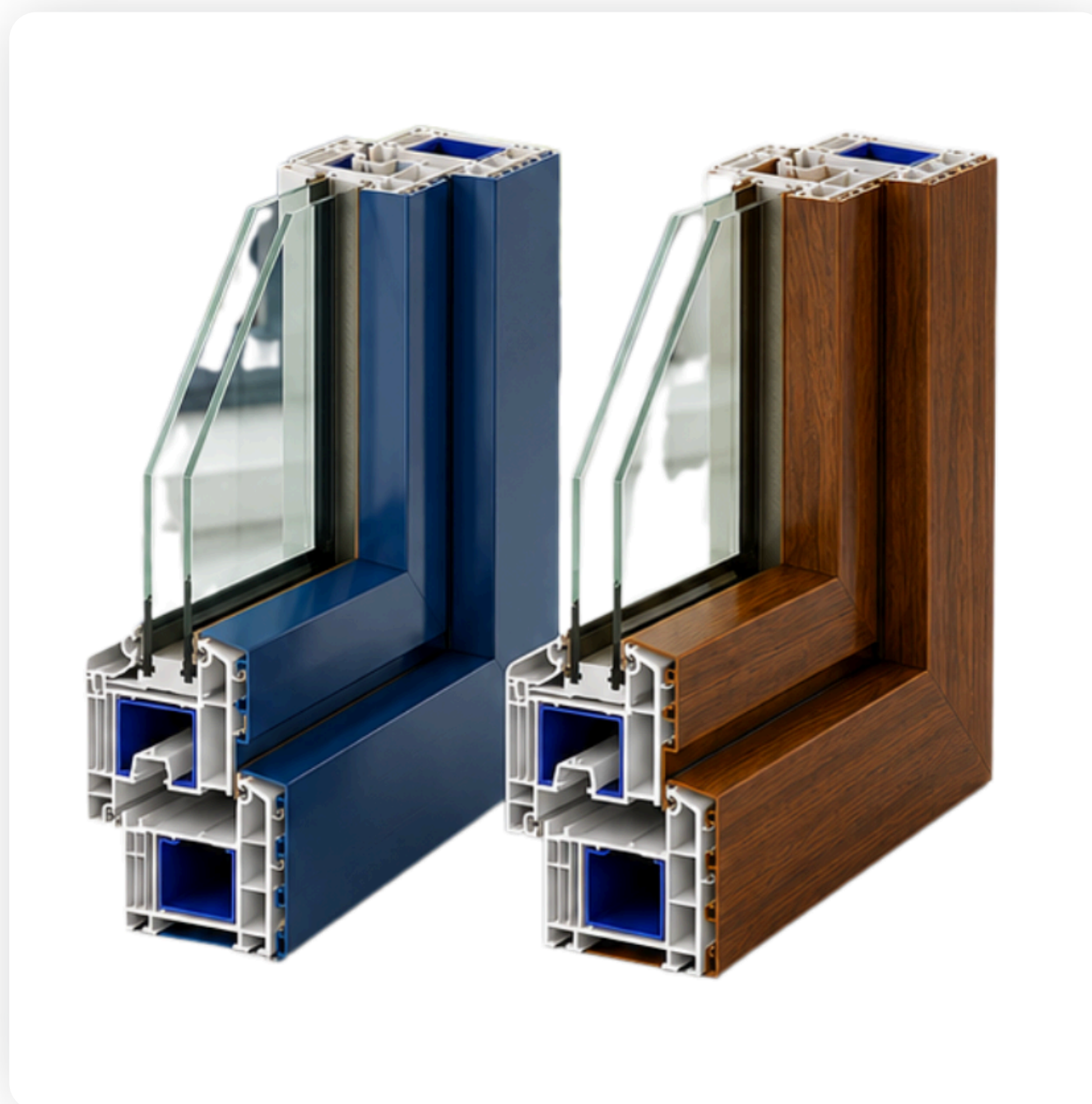
Key Applications and Uses

ASA Compounds

- Building & Exterior Architecture
- Automotive Industry
- Electrical & Electronics
- Sports, Leisure & Marine
- 3D Printing

PMMA Compounds

- Glazing & Architectural
- Automotive Lighting & Optics
- Signage & Displays
- Medical & Life Science
- Furniture & Interior Design



PVC Compounds

- **VIBGYOR®** has developed a wide range of PVC Compounds suitable for both Rigid as well as Flexible applications. Hard PVC is prized for its high mechanical strength, chemical resistance, fire retardancy, and outdoor weatherability. By adding plasticizers (such as phthalates, trimellitates, or bio-based alternatives), PVC transforms into a flexible, rubbery polymer with good tear resistance and electrical insulation properties.

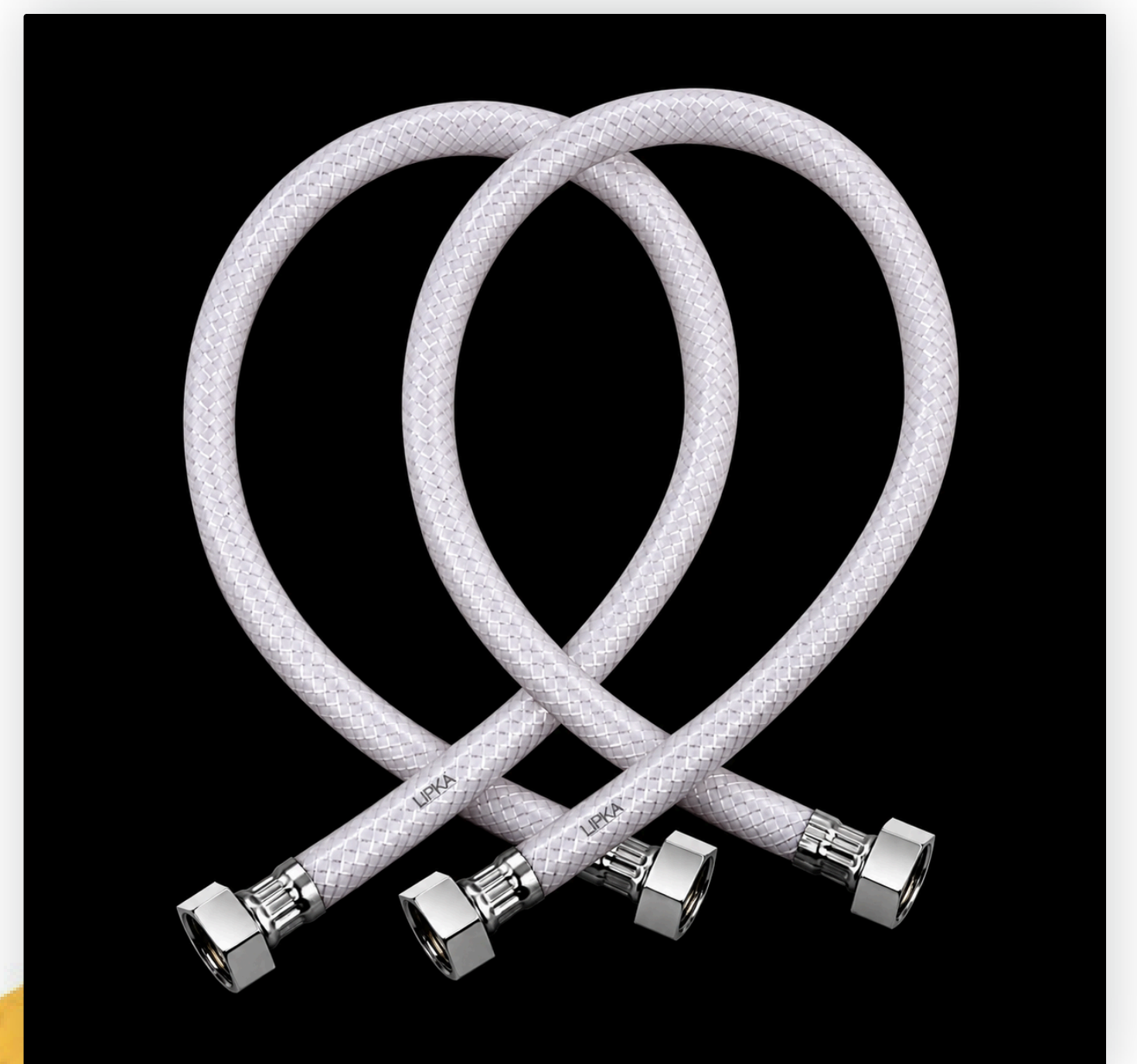
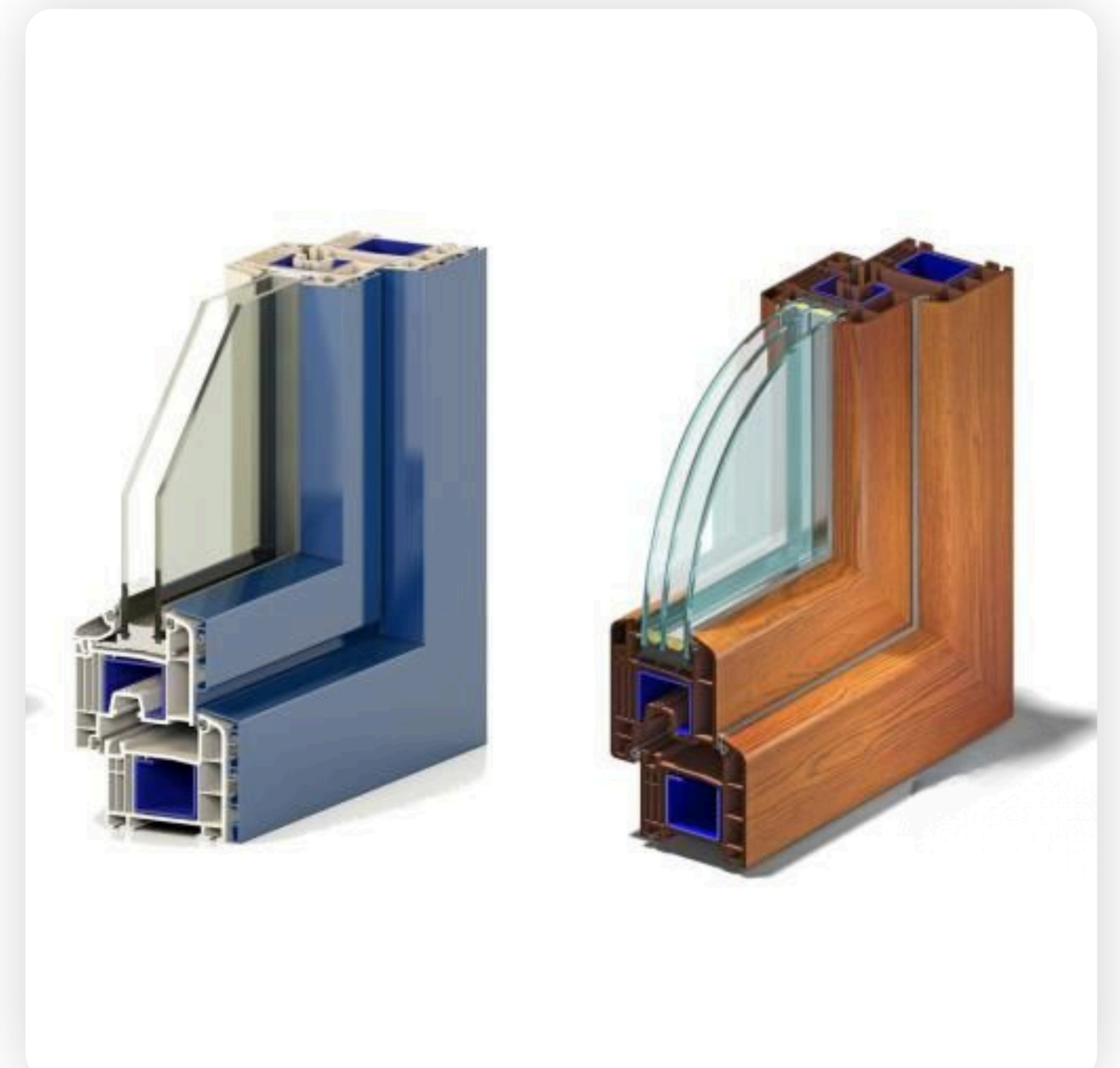
Key Applications

Rigid PVC (uPVC)

- uPVC Window Profiles
- Electrical Conduits
- Pipes & Fittings
- Fencing & Decking

Soft PVC

- Gaskets & Seals
- Wire & Cable
- Carpet Backing & PVC flooring
- Footwear
- Tubes & Pipes



FILLER MASTERBATCHES

- **VIBGYOR® Filler Masterbatches** are blended with the finest quality minerals (CaCO_3 , Talc and Sodium Sulphate) along with virgin polymer (LLDPE, HDPE and PP) and exclusive specialised additives to provide with best possible results in a wide range of applications.

Types

Opaque –

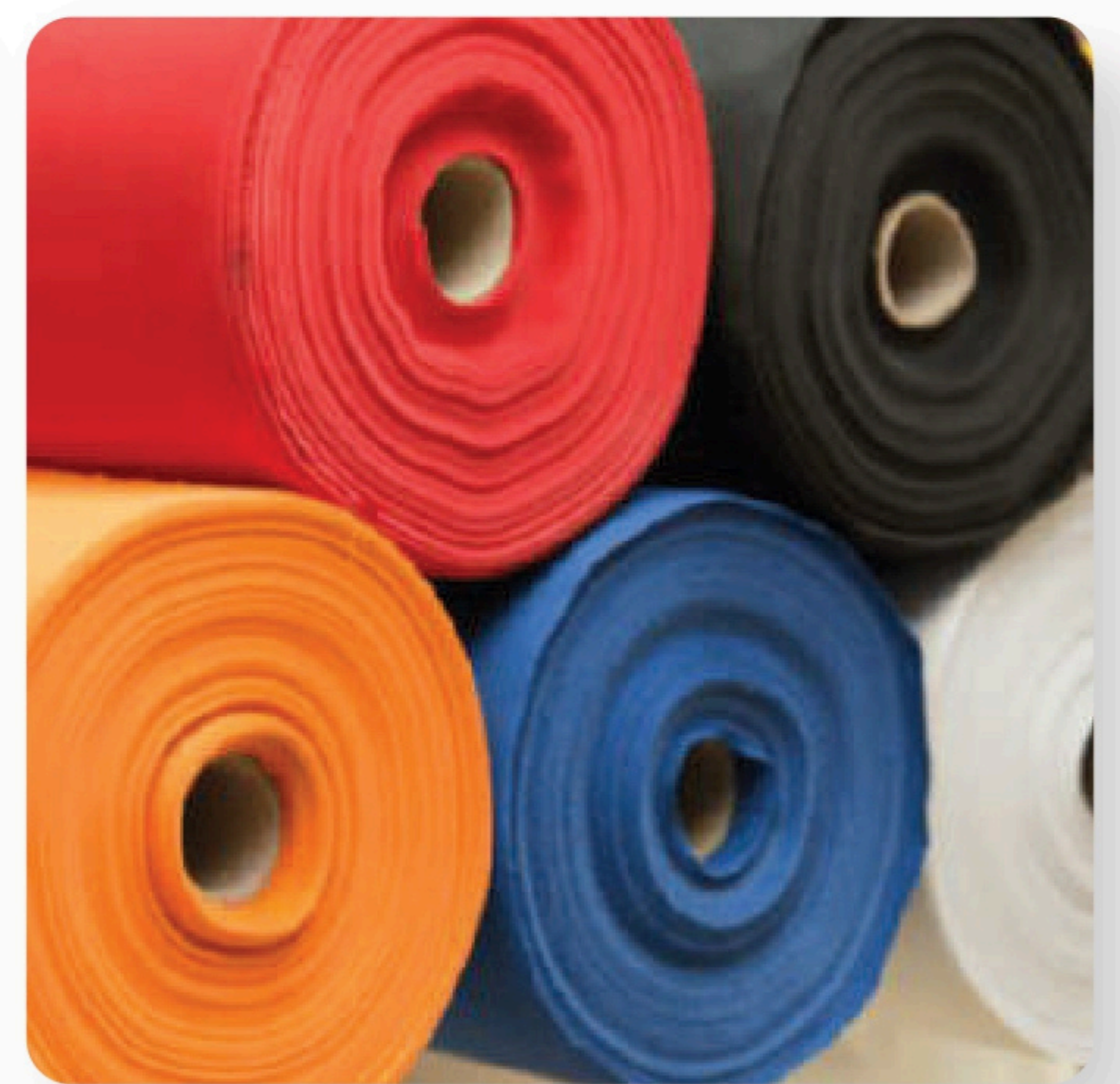
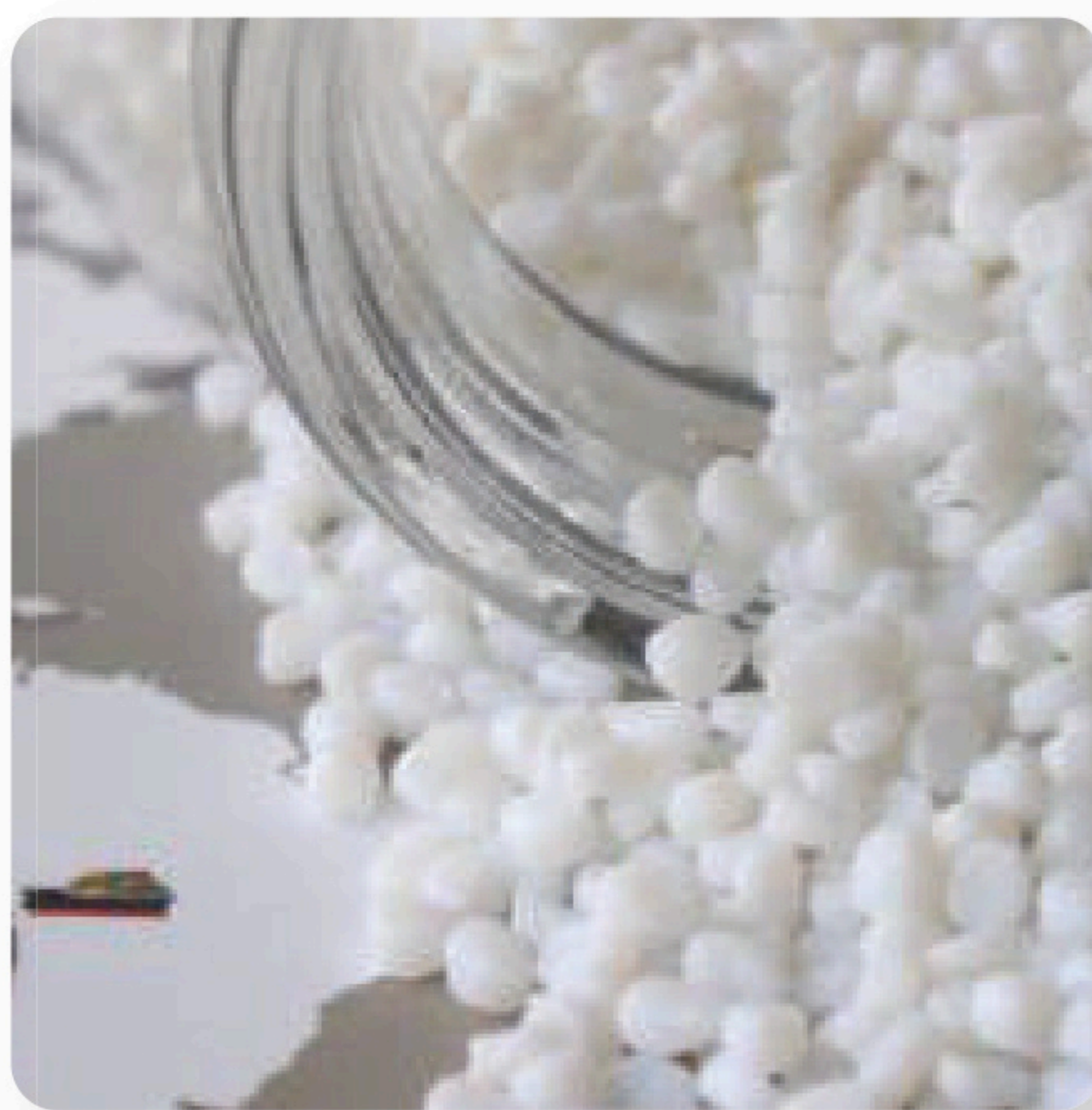
- Calcium Carbonate

Transparent –

- Talc Based
- Sodium Based

Advantages

- Helps in Cost Reduction.
- Enhances physical properties.
- Saves energy.
- Enhances stability in forming process.



ROTO MOULDING COMPOUNDS

- **VIBGYOR® Roto Moulding Compounds** are made by blending the finest quality masterbatches and additives with pure virgin resin to give exceptional characteristics to products.

Product range:

- White, Black and Colour Compounds
- Granite-Effect Compounds
- Foaming Compounds

Advantages:

- Food Grade Raw Material
- 100% Prime Grade Virgin Material
- Uniform Particle Size



COMBI-BATCHES

- **VIBGYOR® Combi-batches** are One-Pack solutions that are used to impart colour along with other properties such as UV Resistance, Anti-Static, Mould-Release, Slip, etc. with help of a single compound instead of the hassle of adding multiple different additives and masterbatches.



SINGLE PIGMENT CONCENTRATES

- **VIBGYOR® SPC's or Mono-masterbatches** contain very high percentages of hard to disperse pigments such as phthalocyanine blue, phthalocyanine green, azo red etc. smoothly blended into polymer matrix with the help of sophisticated technologies and high-quality additives for a variety of applications





VIBGYOR POLY ADDITIVES PVT. LTD.

Mfrs. Of: Plastic Masterbatches, Compounds, Additives & Fillers

  **+91 91609 35722**

 **www.vibgyorpoly.com**  **info@vibgyorpoly.com**

 **7-3-142/3/2, Jalpally, IDA Kattedan, Ranga Reddy
- 500 077, Telangana, India.**

A Division Of  **Vivek Polymers**