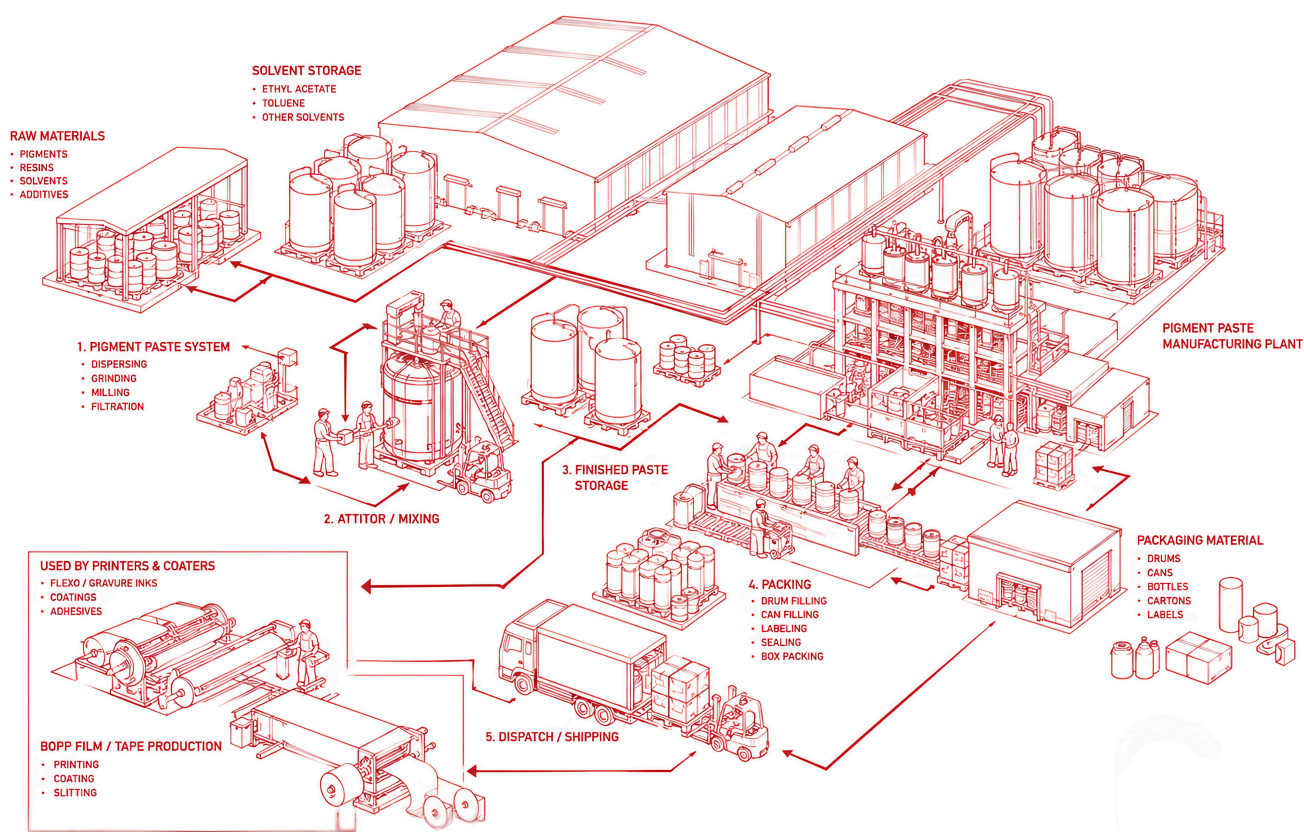




MANUFACTURING PIGMENT PASTE SINCE 1998

Polychem & Allied Products

Colour that behaves the same, batch after batch
Pigment pastes and printing inks from one technical partner.



Since 1998

Manufacturing pigment paste

200+

Pigment paste & ink matched
every year

One Partner

From raw pigment to
finished print



ABOUT US

Colour and print, from one technical partner

We are the first in India to develop and manufacture pigment paste specially for BOPP tape coating, since 1998. We have developed pigment paste for BOPP tape, inks, paints and other industrial uses. Being the parent company to another company in the same industry, we are more than just a pigment paste manufacturer — we are your partner in achieving vibrant, high-quality, and consistent results for your printing & coating needs.

Based in Delhi, we have built a reputation for excellence, driven by deep technical expertise and an unwavering commitment to quality. We think of the future and develop technologies, bringing color to your dreams.

That same rigor extends to our printing ink range. We specialize in comprehensive printing solutions for the tape and packaging industry, supplying rotogravure and flexographic inks, solvents, laminating adhesives, and metallic pastes to leading converters — giving you one stop for everything between raw pigment and finished print.

Our Mission

To be more than a supplier: a technical partner dedicated to optimizing your coating and printing processes, providing a one-stop shop from solvents to inks to pigment pastes — plus the guidance to get the best out of every one of them.

OUR COMMITMENT TO QUALITY

Your product's quality starts with ours

That's why we use only the highest-quality, branded raw materials in every batch we produce. This meticulous attention to detail ensures our pigment pastes deliver:

Vibrant, Rich Colors: achieve stunning visual impact with true-to-tone colors that pop.

Exceptional Consistency: our pastes provide uniform coloration from batch to batch, ensuring your final product always meets your standards.

Superior Adhesion and Stability: formulated for BOPP tape coating, our pastes integrate seamlessly, providing excellent lightfastness and durability.

WHY CHOOSE POLYCHEM?

Unmatched Product Quality: recognized for the superior performance and reliability of our pigment pastes.

Consistent Results: rigorous quality control guarantees uniform products, reducing waste and keeping your line seamless.

In-Depth Technical Knowledge: extensive expertise in printing and coating, with the technical support to optimize your process.

Tailored Solutions: every application is unique — our team works with you to meet your specific requirements.

Higher cost per kg, lower cost per metre.

Higher



PIGMENT PASTES

Our Pigment Pastes Are Ideal For

BOPP Tape Coating

Designed to provide flawless color for the industrial tape coating process.

Inks

Used as the colorant in water-based inks for its high color vibrance and great dispersion.

Paint

Main pigmenting agent for water-base and acrylic-base paints — high quality pigments and light fastness.

OUR RANGE

Pigment Paste Specifications

SPARKS — our premium standard, maximum solids, maximum performance.

Product	pH	Viscosity (sec)	Solid %
Milky White	8	min. 22	68 ± 2%
Black	8–9	min. 90	41 ± 2%
Yellow Pig	8	min. 23	40 ± 2%
Red Pig	8	min. 55	43 ± 2%
Blue Pig	9–10	min. 18	49 ± 2%
Green Pig	8	min. 25	52 ± 2%
Orange Pig	8	min. 24	50 ± 2%
Violet Pig	8–9	min. 36	34 ± 2%
Yellow Oxide	8	min. 20	56 ± 2%
Red Oxide	8	min. 23	68 ± 2%

The shades above are our core range — any shade that exists, we can make. Every paste can be further customized to your required tone, viscosity, or solids content, tuned exactly to your specification.

FLARES — smart value, without compromise on color.

Our newest range for BOPP tape paste — built for converters who need Sparks-grade dispersion and consistency at a more competitive price point. Flares matches Sparks in color vibrance and quality, with a modestly lower solids content.

Product	pH	Viscosity (sec)	Solid %
Milky White	8	min. 22	60 ± 2%
Black	8–9	min. 90	33 ± 2%
Yellow Pig	8	min. 23	32 ± 2%
Red Pig	8	min. 55	35 ± 2%
Blue Pig	9–10	min. 18	41 ± 2%
Green Pig	8	min. 25	44 ± 2%
Orange Pig	8	min. 24	42 ± 2%
Violet Pig	8–9	min. 36	26 ± 2%
Yellow Oxide	8	min. 20	48 ± 2%
Red Oxide	8	min. 23	60 ± 2%

Same core color range as Sparks, with the same customization to tone, viscosity, or solids on request.



Customized to Your Sample

The Brown paste we offer is so customizable that it deserves its own page. We manufacture brown paste according to each customer and their sample. We care about our customers' needs and acknowledge your need for consistency in quality — we deliver exactly that, every time.

200+ Shades Matched

Over 200 customer brown samples matched to date, across a wide range of tones and undertones.

Consistent Shade & Chemistry

Every repeat order is matched to the original formulation, so shade and chemistry stay identical batch after batch.

Rigorous Quality Checks

Each batch undergoes strict quality control before dispatch, ensuring reliable performance on your line.

Product	pH	Viscosity (sec)	Solid %
Brown Paste	8.5	min. 25	60 ± 2%

Specification may vary as per your sample.



From industrial browns to warm neutrals — if you can show us the shade, we can match it.

Rotogravure & Flexographic Inks for Tape and Packaging

Beyond pigment pastes, we supply a full range of printing inks, solvents, and adhesives engineered for the tape and packaging industry — reverse and surface printing across BOPP, polyester, paper, foil, and specialty films.

BOPP Tape Inks

Tapepack BOPP Ink

Vinyl base

Method: Rotogravure · **Application:** Reverse Printing · **Substrate:** BOPP Film ·
Reducers: Ethyl Acetate, Toluene

Ideal for high-quality reverse printing on BOPP films.

Extrusion Inks

GR Xtop Inks

Vinyl base

Method: Rotogravure · **Application:** Reverse Printing · **Substrate:** Specialised BOPP Tape (High Temp & Extrusion) · **Reducers:** Ethyl Acetate, Toluene

Engineered for extreme conditions — high temperature and extrusion applications.

Polyester Printing Ink

Esterlam Liquid Printing Ink

Vinyl base

Method: Rotogravure · **Application:** Reverse Printing · **Substrate:** Polyester (Untreated/Corona-treated/Chemically treated) · **Reducers:** MEK, Toluene

High-performance lamination ink for superior bonding on various polyester films.

POLY Printing Inks

Micro Gloss Ink

Polyamide base

Method: Flexographic & Rotogravure · **Application:** Reverse Printing · **Substrate:** Treated PP & PE, Polyester, Treated OPP, Pearlescent BOPP · **Reducers:** (Flexo) IPA, (Gravure) Toluene

Brilliant gloss and robust performance on a wide range of films.

Poplam Ink

Method: Rotogravure · **Application:** Reverse Printing · **Substrate:** BOPP Film, Polyester · **Reducers:** Ethyl Acetate, Toluene

Reliable lamination-grade ink for excellent results on BOPP film and polyester.

Paper Printing Ink

Hydro-i-kraft

Water base

Method: Flexographic · **Application:** Surface Printing · **Substrate:** Paper (Coated & Uncoated), Kraft Paper, Non-woven · **Reducers:** Water, IPA

Eco-friendly water-based solution for crisp surface printing on paper and non-woven materials.

Microlabel Ink

Method: Flexographic · **Application:** Surface Printing · **Substrate:** Paper (Coated & Uncoated) · **Reducers:** Water, IPA

Specialised water-based ink for precise watermarking and high-quality label printing.

Hydro-i-paper

Water base

Method: Rotogravure & Flexographic · **Application:** Surface Printing · **Substrate:** Paper · **Reducers:** IPA, DM Water

Specialised water-based ink for gravure printing on paper at high speeds.

AI Foil Printing Ink

Pharmatemp Ink

NC base

Method: Rotogravure · **Application:** Surface Printing · **Substrate:** Aluminium Foil, Paper (Coated & Uncoated) for Medical Purposes · **Reducers:** Ethyl Alcohol

Heat-resistant ink designed for demanding medical packaging on foils and papers.

Eco-Friendly Ink

Gecko Ink

NC base

Method: Flexographic & Rotogravure · **Application:** Surface Printing · **Substrate:** PE, Coex OPP, BOPP, Paper, Metalized Film · **Reducers:** (Flexo) Ethanol, (Gravure) Ethyl Acetate

Environmentally conscious ink offering superior surface print quality across multiple substrates.

Specialised Ink

Fantasy Ink

Polyamide base

Method: Flexographic & Rotogravure · **Application:** Surface & Reverse Printing · **Substrate:** BOPP Film, LD, HDPE, Polyester (Untreated) · **Reducers:** (Gravure) Ethyl Acetate & Toluene, (Flexo) IPA & NBA

Versatile ink for exceptional performance in both surface and reverse printing applications.

Others

Micro-Flex — Poly Lamination Adhesives

Solvent base

High-performance solvent-based adhesives for robust and durable lamination.

Premium solvent-based metallic pastes for striking visual effects and enhanced product appeal — available in Gold and Silver, in small packaging.



CONNECT WITH US

Ready to Elevate Your Coating and Printing Quality?

Our team is here to provide technical guidance and tailor solutions specifically for your needs — from pigment paste to printing ink, one partner covers it all.

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For further info and submitting your inquiry visit **Polychem.Ltd**

Or scan the QR code below:



Questions about a specific application? Reach out — we're happy to walk you through it.