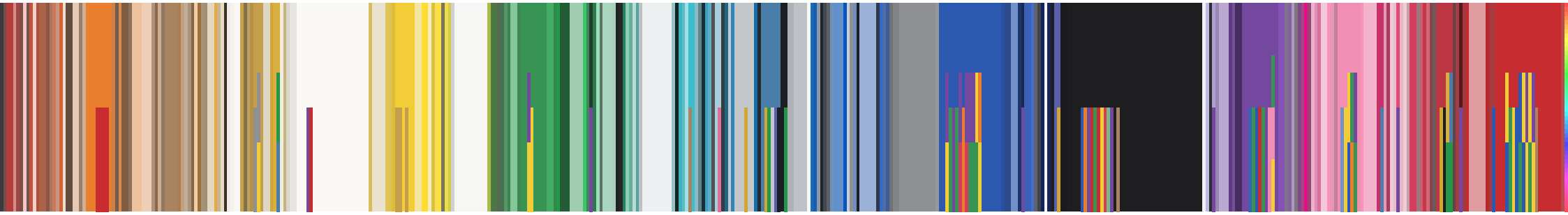
NORAY

PRODUCT BROCHURE · 2026

Filament, in every colour you need.

58 material families · 516 colourways · engineered, coloured and spooled in Zhuhai



Every shade currently in stock, sorted by hue — 516 in total.

Zhuhai Noray New Materials Co., Ltd.

www.noraymaterials.com

01 — WHO WE ARE

From compound to carton.

Compounding, colouring and spooling under our own control.

We compound, colour and spool in-house. The colour on the card is the colour on the spool, because both come off the same line — no third-party conversion, no shade drift between batches.

Every family ships with TDS, RoHS and REACH documentation. Custom shades, spools and cartons are produced under your own brand, from 200 kg lots to full container loads.



58

material families

PLA, silk, PETG, TPU, ABS, ASA and engineering grades

516

colourways in stock

133 NR-coded shades plus the complete 383-shade range

133

NR-coded shades

Named, coded and sampled from production stock

3

processes in-house

Compounding, colouring and spooling

02 — THE RANGE

Every material we make.

Grouped by polymer system. Counts show colourways currently held in stock.

PLA & PLA Pro
34 colours



Matte PLA
33 colours



PLA Wood
9 colours



PLA Marble
2 colours

PLA Metal
3 colours



PLA Glow
10 colours



PLA Transparent
13 colours



PLA-CF
2 colours



PLA Silk
19 colours



Silk Dual Colour
21 colours



Silk Tri-Colour
17 colours



Silk Rainbow
9 colours



PETG
50 colours



PETG Matte
3 colours



PETG High Speed
3 colours



PETG-CF
5 colours



ABS
2 colours



Modified ABS+
10 colours



ABS-CF
2 colours



High Temp ABS
2 colours



ASA
6 colours



TPU 80A
2 colours



TPU 85A
10 colours



TPU 90A
9 colours



TPU 95A
40 colours



TPU 98A
1 colours



TPU 72D
2 colours



PEBA
7 colours



TPU High Speed
6 colours



PC, POM & signage
13 colours



03 — WHAT EACH ONE IS FOR

Eight families, eight jobs.

The grades that cover most production — a full range of 58 sits behind them.



PLA & PLA Pro

Good impact strength and toughness, resistant to falling and snapping — 5–10× tougher than basic PLA.

- Stable printing performance
- Wide range of applications
- 56 colours in stock



Matte PLA

Aesthetic matte finish with minimal visible layer lines, across solid, dual, tri and rainbow effects.

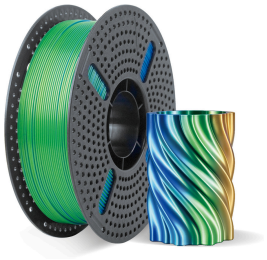
- Monochromatic matte texture
- Soft, low-glare surface
- Solid, dual, tri and rainbow effects



Silk Dual Colour

Two colours across the filament cross-section — one spool, two faces.

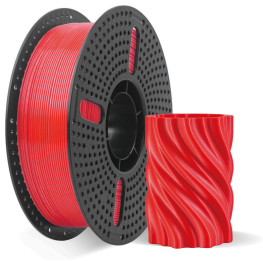
- Dual-colour cross-section
- Dynamic silk-like lustre
- Elegant depth on every face



Silk Tri-Colour

Three colours across the cross-section for shifting, iridescent surfaces.

- Tri-colour cross-section
- Dynamic silk-like lustre
- Mysterious, shifting visual effects



PETG

Balanced toughness and clarity with low warping and easy printing.

- Good impact strength and toughness
- Transparent and opaque options
- Excellent chemical and weather resistance



PETG Matte

Premium frosted matte look with the full mechanical performance of PETG.

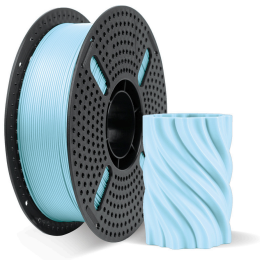
- High strength and toughness
- High-grade matte texture
- Built for durable functional parts



Modified ABS+

Re-formulated for stronger inter-layer adhesion and lower warping — printable on open-frame machines.

- High-flow, ultra-fast printing
- Low moisture, less stringing
- Stable dimensions, fine detail



TPU 95A

Hardness 95A with good flexibility and a rubber-like texture.

- Flexible yet strong and durable
- High elasticity and toughness
- High impact resistance

04 — COLOUR LIBRARY

516 colourways, at a glance.

Every shade we hold, grouped by programme. Per-shade names and codes are in the digital colour list.

NORAY NR COLOUR SERIES — 133



PLA & MATTE PLA — 145



SILK, DUAL & TRI — 68



PETG — 46



FLEXIBLE TPU & PEBA — 80



ENGINEERING & SIGNAGE — 44



05 — OEM & ODM

Your brand, our plant.

We make filament that carries your label, your colour and your carton.

01

Custom formulations

Shade matched to your sample or Pantone reference, with hardness and flow tuned to your process.

02

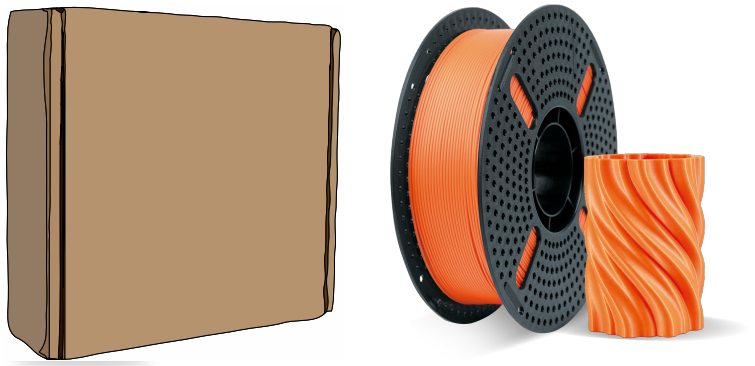
Spool & packaging

Spool, label, box and carton produced under your own brand — retail-ready sleeves and QR-linked documentation included.

03

Launch support

Samples, TDS, RoHS and REACH files, plus production planning for new SKUs before you commit to a full run.



MINIMUM ORDER
200 kg per colour

LEAD TIME
15 – 20 days

INCOTERMS
EXW Zhuhai · FOB Yantian · CIF

NORAY

Zhuhai Noray New Materials Co., Ltd.

Compounding · colouring · spooling — Zhuhai, Guangdong, China

SALES & SAMPLE REQUESTS
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Product brochure · 2026 edition