SHENHAI
OPTICAL

TECHNICAL DATA SHEET
TDS-TINT · REVISION 2026-11
DANYANG SHENHAI METAL MATERIALS TECHNOLOGY CO., LTD.

1.56 Tinted Sun Lens

Tinted 1.56 sun lens for stock plano and prescription programmes.

REFRACTIVE INDEX	MATERIAL	DESIGN	FORMAT
1.56	1.56 resin monomer	Single vision, tinted	Finished lens; SF by lab order

Specification

REFRACTIVE INDEX	1.56
MATERIAL	1.56 resin monomer
DESIGN	Single vision, tinted
SPHERE (SPH) REFERENCE	Plano stock; Rx range confirmed by order
CYLINDER (CYL) REFERENCE	Confirmed by order
DIAMETER	71 / 75 / 80 mm
BASE CURVE	71/75 mm: 2.00/3.00/4.00 base · 80 mm: 6.00/7.00/8.00 base
COATING OPTIONS	AR (anti-reflective), anti-radiation, super-hydrophobic, inner coating, wear-resistant and HC hard coat, confirmed per SKU.
COLOUR / APPEARANCE	Grey, brown, G15 green; mirror colours by custom order
FINISHED / SEMI-FINISHED	Finished lens; SF by lab order

TEST STATUS — READ BEFORE QUOTING

Not in Batch 1

No VLT report in Batch 1. Material transmittance is 96%; this is not a finished-lens VLT value.

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SPECIFICATION NOTES

Power ranges are planning references taken from the current product file. The exact range, diameter, base curve and coating are confirmed in the quotation for the ordered SKU. Extreme powers and combined SPH + CYL limits require written confirmation. Finished and semi-finished formats are quoted separately.

COMMERCIAL TERMS AND ORDERING

What to send with your RFQ

Product brief

- Product family and index
- Finished lens or semi-finished blank
- SPH / CYL / ADD range and Rx distribution
- Diameter or base curve
- Coating, tint or colour
- Annual volume and order pattern

Delivery brief

- Destination country and port
- Packaging: white pack, private label, carton marks
- Sample requirement and freight account
- Target date and Incoterm
- Documents required for import or tender
- Any customer-specific test or label rule

Commercial terms

MOQ	100 pairs per mixed order. Individual stocked powers commonly require about 50 pairs; availability is confirmed before order acceptance.
SAMPLES	5–10 pairs free of product charge. The buyer pays freight or supplies a freight-collect account.
LEAD TIME	White-pack stock: typically 2–5 business days. Custom colour pack or private label: typically 15–20 days. Production: 5–20 days by specification.
PACKAGING	Standard white pack. Private label, anti-counterfeit marking, labels, envelopes and carton marks can be quoted.
INCOTERM	FOB Shanghai. Seller handles export clearance; buyer handles import clearance, duty and taxes.

Quality checkpoints

Incoming and in-process

- Monomer and material batch records
- Mould cleaning, filling and curing control
- Trimming, edging and surface inspection
- Coating process and supplier scope confirmed

Final and dispatch

- Optical power and surface inspection
- Coating and cosmetic check
- Label, packing and carton verification
- Batch and order traceability

Document control

This data sheet is a commercial summary, not a certificate. Product test reports are published separately at **shenhaioptic.com/test-reports/**. ISO 9001 implementation is in progress and no certificate is claimed. CE, FDA and local registration are assessed per destination and are not claimed on this document.