

Description:

ina®star 1S has been specially designed for creative uses of graphic and luxury packaging

- Solid Bleached Sulphate (SBS) paperboard, certified FSC® C011032 for stock, PEFC available for indent orders
- One-side coated paperboard with a silk finish
- Excellent printability and brilliant color reproduction
- Exceptional cracking resistance
- Perfect folding characteristics
- Outstanding finishing and converting properties
- Good caliper and stiffness
- Consistent smoothness and whiteness

End uses:

Books, Brochures, Covers, Direct mail, Folders, Folding materials, Inserts, Magazines, Packaging, Postcards, Tags

Print methods:

Digital, Flexo, HP Indigo, Offset

Certificates:

- [Food Contact \(XXXVI BfR\) - Card](#)
- [Packaging and Packaging Waste \(EN 13427\) - Card](#)
- [Hazardous Substances in Electrical and Electronical Equipments \(RoHS\) - Card](#)
- [Safety of Toys \(EN 71-3 & 71-9\) - Card](#)
- [Sensory Analysis \(EN 1230\) - Card](#)
- [RoHS - FDA](#)
- [FSC Chain of Custody \(multisite\)](#)
- [PEFC Chain of Custody \(multisite\)](#)
- [ISO 14001 Environment](#)
- [ISO 50001 Energy Efficiency](#)
- [ISO 9001 Quality](#)
- [ISO 45001 Health and Safety](#)

Technical specifications

Property	Test Method	Unit	Tolerance	220	250	280	300	330	350
Substance	ISO 536 TAPPI T410	g/m ²	±5%	220	250	280	300	330	350
Thickness	ISO 534 TAPPI T411	µm	±5%	264	300	336	360	396	427
Brightness R457/D65	ISO 2470-2 TAPPI T452	%	±2	102	102	102	102	102	102
Whiteness D65/10°	ISO 11475 TAPPI T562	CIE	±3	132	132	132	132	132	132
Paper gloss	ISO 8254-1 TAPPI T480	%	±5	30	30	30	30	30	30
Taber stiffness MD	ISO 2493 TAPPI T556	mN	-25%	87	152	223	274	325	365
Taber stiffness CD	ISO 2493 TAPPI T556	mN	-25%	47	81	97	112	183	193
Parker roughness	ISO 8791-4 TAPPI T555	µm	≤2.5	2	2	2	2	2	2
Relative humidity	TAPPI T502	%	±7	50	50	50	50	50	50

**ina[®]star 1S****TECHNICAL DATA SHEET****Storage recommendations**

Paper dimensions are very sensible to humidity variations that is why we supply paper in waterproof packaging. Once the packaging is opened, a moisture exchange can take place between the paper and the environment.

Ideally, the paper should be stocked in pressrooms conditioned to 50% (± 5) relative humidity and 23°C (± 2) temperature. In any case, extremes of temperature and humidity must be avoided.

For food contact applications, the product properties, according to the specifications, are guaranteed for 12 months after the production date.

Before starting a production run, check that the printability is correct on both sides of 30-50 sheets.

Values are subject to change without notice.

Last update: 09/07/2022