



August 2024

**TRANSLUCENTS**

Add a special touch to your projects with **Curious Transluents**. Attractive look and feel, these papers allow your print to float and give a window into designs below, transitioning between diffused contours and full details. Transparent and resistant to ageing, it is also perfect for brochures, cover, invitations, cards,

**Printing Guidelines****Offset Printing**

Printing should be carried out using inks (foil inks) that dry purely by oxidation. Deploy lower damping ( $\text{pH} > 5.5$ ) and print in small stacks. In the case of reduced trapping, a trapping stripe as broad as possible also needs to be printed. To avoid set-off, powder spraying should be carried out. In the case of increased ink film thickness when printing solid areas, and in the case of two-sided printing, UV drying is recommended. For UV drying, the paper should be stored flat. Second generation UV emitters featuring heat filters are especially recommended. During IR drying, curling and/or warping may occur due to the build up of heat.

**Desktop inkjet/laser printing**

Curious Translucent is suitable for printing using laser and inkjet printers for desktop use.

**Cutting**

The use of a slightly blunted hard alloy blade with a  $26^\circ$  ground angle and bevel, as well as a 5 cm stack thickness, is recommended.

**Climate**

Transparent papers are particularly sensitive to climatic conditions. To ensure faultless print finishing, we recommend water-vapour-proof, print-stack packaging immediately after printing.

**Pre-print**

Curious Translucent is also suitable for pre-print applications.

**Blind Embossing**

Curious Translucent is suitable for blind embossing but may develop a milky discoloration, test embossing is recommended.

**Die Cutting/Drilling/Punching**

Curious Translucent Bright White is well-suited for die-cutting, drilling, punching and laser die-cutting.

**Hot Foil Blocking**

We recommend an extremely solid material for the back pressure. Extremely dry foils are best suited together with a standard adhesive. Foil blocking is not particularly suitable for laser processing. Test stamping is recommended.

**Overprint Varnishing**

We recommend varnishing using water-based or UV varnish.

**Binding/Gluing**

Please ensure that the grain direction runs parallel to the adhesive binding, we recommend the use of adhesives containing little or no water such as Hot melt or PUR. For the best results, carry out test bindings on dummies.

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Property & Unit	Standard		
GSM	EN ISO 536	100	210
Thickness (µm)	EN 20534	83	168
Bulk spec. (cm3 /g)	DIN 53105	0.8	0.8
Moisture (%)	EN 20287	7	7
Optical Whiteness (%)	DIN 53145-2	93.5	93.5
Smoothness Bekk (sec.)	DIN 53107	15	15
Transparency (%)	DIN 53147	60	42

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: August 2024

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Property & Unit	Standard							
GSM	EN ISO 536	80	90	100	110	150	210	320
Thickness (µm)	EN 20534	73	83	89	97	125	187	266
Bulk spec. (cm3 /g)	DIN 53105	0.85	0.85	0.85	0.85	0.8	0.79	0.77
Moisture (%)	EN 20287	7	7	7	7	7	7	7
Optical Whiteness (%)	DIN 53145-2	68.4	68.4	68.4	67.1	68.9	60.7	60.4
Smoothness Bekk (sec.)	DIN 53107	20	17	15	13	8	15	8
Transparency (%)	DIN 53147	76.7	74.9	73.3	72.3	67.5	58	45.8

Curious Transluents Clear is also ISEGA certified for dry-food contact

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**ISEGA**  
Cert GmbH Aschaffenburg

**Dr. Ralph Derra**  
Öffentlich bestellter und vereidigter Sachverständiger für  
Verpackungsmaterialien, Boden- und Luftanalysen;  
Sachverständiger in der Wasseranalytik

16 August 2024  
Dr. Dr/Ib-do

UNBEDENKLICHKEITSERKLÄRUNG  
CERTIFICATE OF COMPLIANCE  
CERTIFICAT DE CONFORMITE

eingetragen  
registered no.  
registré



für  
for  
pour



Produkt  
Product  
Produit

Translucent Paper White

The product manufactured by the company mentioned above is a paper grade in different grammages which is used for food packaging.

It was examined by us under consideration of the

BfR-„Methodensammlung zur Untersuchung von Papier, Karton und Pappe für den Lebensmittelkontakt“, aktueller Stand, in Verbindung mit dem BfR-Leitfaden "Untersuchung der Stoffübergänge von Bedarfsgegenständen aus Papier, Karton und Pappe" vom 26.02.2015,

(BfR-"Collection of methods for the examination of paper and board for food contact" of the, current state), in connection with the BfR guideline "Examination of the transfer of substances from consumer products made of paper and board", as of 26.02.2015),

and according to the demands of the

Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I (April 1, 2024 edition), § 176.170,

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