

Technical Data Sheet

Product name: **Pentaclear® GAG BX-CG6GF04-1160000-100_0-ZZZ**

Description:

- extruded GAG film
- suitable for screen printing and UV offset

Quality segment: Box film
Type: PETG/APET/PETG (GAG)
Color: 6-RG-uncolored, crystal clear-000
Surface: Glossy / Glossy-00
Additional treatment: No additional treatment-00

Properties	Standard	Unit	Values
Thickness	DIN 53370 / ISO 4593	µm	200 ... 500
Tolerance of Thickness	DIN 53370 / ISO 4593	%	-5 ... 5 200 ... 500 µm
Density	DIN EN ISO 1183-2	g/cm ³	1,31 ... 1,35
Tensile strength, min.	DIN EN ISO 527 test speed V 50 mm/min, measured lengthwise, depending on thickness	MPa	50
Impact strength, min.	DIN EN ISO 8256 measured lengthwise	kJ/m ²	350
Surface tension, min.	DIN ISO 8296	mN/m	38
VICAT-softening point	DIN EN ISO 306 measured in oil, method B/50	°C	73 ... 77
Dimensional stability -longitudinal	DIN 53377	%	-7,0 ... 0,0 200 ... 500 µm
Dimensional stability -transverse	DIN 53377	%	-7,0 ... 0,0 200 ... 500 µm

Regulatory:

The product corresponds to:

- Respective regulations and directives for food contact
- Supplementary confirmations to the above-named points can be issued on request.

Storage conditions:

- Ideal storage conditions between 10 - 30°C (50 - 86°F)
- Ideal RH 50%
- Should not be stored in direct sunlight and avoid major thermal

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fluctuation

- Store in original packaging
- Before working up the films should be conditioned a minimum of 24 hours at room temperature
- Recommended use of the material within 12 months of production date

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