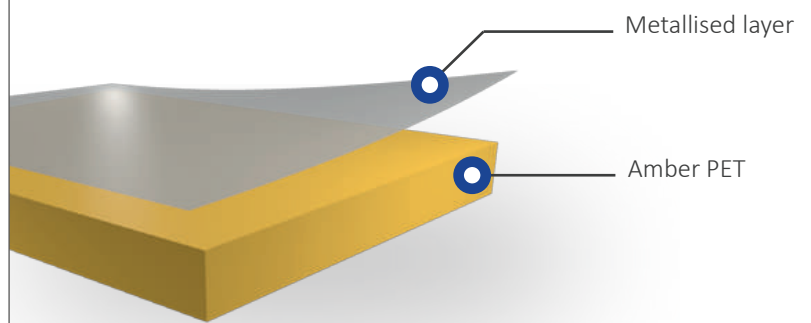


Claryl® GOLD GOLD-0

Application

- Board lamination of cosmetics, chocolates, perfumes, spirits packaging...
- Specific design effect on conventional flexible packaging



METALLISED AMBER
GOLD PET FILM

Benefits

- Permanent gold appearance
- Opaque gas barrier film
- High protection against natural and UV light
- High thermal stability and good machinability

Typical Values *(These values do not constitute binding specifications)*

| Properties | Test Method | Unit | 8 µm | 12 µm |
|-------------------------|-----------------|---|------|-------|
| YIELD | | | | |
| Unit Weight | | g/m ² | 11.2 | 16.8 |
| Area Yield | | m ² /kg | 89.3 | 59.5 |
| MECHANICAL | | | | |
| Tensile Strength MD | ASTM D 882 | daN/mm ² | 20 | 20 |
| Tensile Strength TD | | | 21 | 20 |
| Elongation at Break MD | ASTM D 882 | % | 107 | 105 |
| Elongation at Break TD | | | 100 | 105 |
| THERMAL | | | | |
| Shrinkage 150°C 30mn MD | Internal Method | % | 1.8 | 1.7 |
| Shrinkage 150°C 30mn TD | | | 0.7 | 0.6 |
| OPTICAL | | | | |
| Optical density | | | 1.9 | 1.9 |
| Yellow Index | ASTM E313 | | 46 | 46 |
| Gloss (60° TD) | ASTM D523 | | 428 | 420 |
| BARRIER | | | | |
| OTR. 50% HR. 23°C | ASTM F1927 | cm ³ /m ² per day | 0.8 | 0.8 |
| MVTR. 90% HR. 38°C | ASTM F1249 | g/m ² per day | 0.8 | 0.8 |
| SURFACE | | | | |
| Metal adhesion | Internal Method | N/38mm | 1 | 1 |

Regulation

Claryl® GOLD and GOLD-O comply with European applicable requirements for food contact applications. For Toray's certification concerning specific applications with each product, please refer to the 'Declaration of Compliance'.

Presentation of the rolls

Roll packaging: The rolls are suspended on standard paper core with internal diameter of 152.8mm. For all presentation, minimum roll width = 340mm and maximum roll width = 2100mm.

Returnable packaging: Wooden flanges, plastic flanges and pallets are returnable. The metallised side is identified on the labels:



Please contact us for...

- Any other presentation (width, length, core)
- Process for returnable packaging
- Any other information about typical values, measuring conditions, tolerances, deliveries...

Claryl® is a registered trademark of Toray Films Europe SAS - TFE June 2021

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