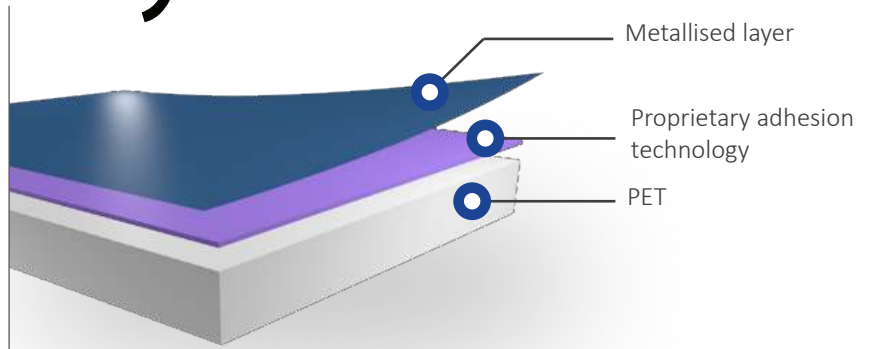


HAB Claryl® HAB-O

Application

- High end packaging laminates
- Bag-in-box



METALLISED PET FILM WITH HIGH BARRIER AND EXCELLENT METAL ADHESION

Benefits

- High gas barrier
- Excellent metal adhesion
- Extended packaging shelf life
- Opaque gas barrier film
- High protection against natural and UV light
- High thermal stability and good machinability

Toray Films Europe SAS,
Place d'Arménie,
01700 Saint-Maurice-de-Beynost, FRANCE

To access Toray Films Europe's **certifications list**, please visit
www.torayfilms.eu/en/certifications

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

Properties	Test Method	Unit	12 µm
YIELD			
Unit Weight		g/m ²	16.8
Area Yield		m ² /kg	59.5
MECHANICAL			
Tensile Strength MD	ASTM D 882	daN/mm ²	21
Tensile Strength TD			21
Elongation at Break MD	ASTM D 882	%	100
Elongation at Break TD			100
THERMAL			
Shrinkage 150°C 30min MD	Internal Method	%	1.7
Shrinkage 150°C 30min TD			0.5
BARRIER			
OTR. 50% HR. 23°C	ASTM F1927	cm ³ /m ² per day	0.3
MVTR. 90% HR. 38°C	ASTM F1249	g/m ² per day	0.4
SURFACE			
Metal adhesion / Heat seal test	Internal Method	N/38mm	> 5

/// **Regulation**

Claryl® HAB and HAB-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...

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