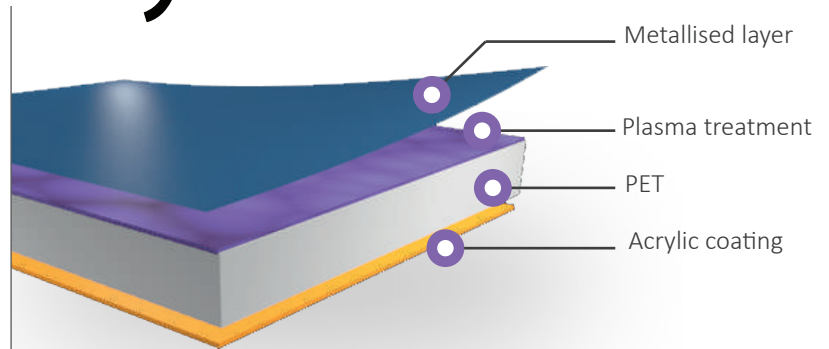


Claryl® MAP

Application

- Packaging applications requiring high quality printing: decorative applications, frozen food...



METALLISED PET FILM WITH ENHANCED METAL ADHESION AND ONE COATED SIDE

Benefits

- Improved metal adhesion
- Opaque gas barrier film
- Improved ink adhesion and printing quality on treated side
- 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	22
Tensile Strength TD			20
Elongation at Break MD	ASTM D 882	%	100
Elongation at Break TD			100
THERMAL			
Shrinkage 150°C 30mn MD	Internal Method	%	1.7
Shrinkage 150°C 30mn TD			0.5
OPTICAL			
Optical density			2.4
BARRIER			
OTR. 50% HR. 23°C	ASTM F1927	cm ³ /m ² per day	0.6
MVTR. 90% HR. 38°C	ASTM F1249	g/m ² per day	1.0
SURFACE			
Metal adhesion / Heat seal test	Internal Method	N/38mm	2

Regulation

Claryl® MAP complies 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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DISCLAIMER: This leaflet is provided for informational purpose only and is not binding, nor can it constitute specifications to the buyer. The information contained in this document is based on numerous tests and trials we have carried out in our laboratories. Deviations from the results thus obtained can therefore be experienced depending on the actual conditions of use. This document does not provide any guarantee with regard to compliance of our product with the typical values indicated, nor does it provide any guarantee as the suitability of our products for any particular use.