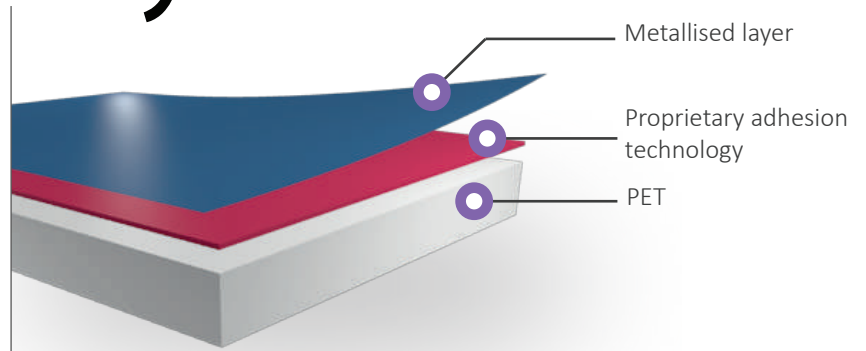


Claryl[®] MHA

Application

- High-end packaging laminates



AN OPAQUE BARRIER PET FILM
WITH EXCELLENT METAL ADHESION

Benefits

- Excellent metal adhesion in severe conditions
- Opaque gas barrier film
- High thermal stability and good machinability

/// **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 D882	daN/mm ²	20
Tensile Strength TD			22
Elongation at Break MD	ASTM D882	%	125
Elongation at Break TD			100
THERMAL			
Shrinkage 150°C 30mn MD	Internal Method	%	1.6
Shrinkage 150°C 30mn TD			0.6
BARRIER			
OTR. 50% HR. 23°C	ASTM F1927	cm ³ /m ² per day	0.9
MVTR. 90% HR. 38°C	ASTM F1249	g/m ² per day	0.3
SURFACE			
Metal adhesion / Heat seal test	Internal Method	N/38mm	> 5

/// **Regulation**

Claryl® MHA 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...

Claryl® is a registered trademark of Toray Films Europe SAS- TFE December 2019

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