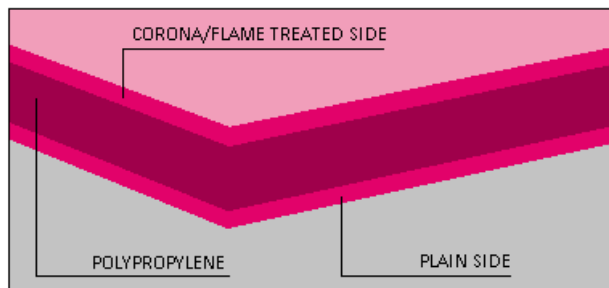


BRILLANT WET 40 μ

Transparent, high gloss BOPP film. One side is corona/flame treated. The film has excellent optical properties, high tensile strength and dimensional stability, good performance with adhesives and primers and good printability.

Applications: adhesive tapes, roll fed labels.

Product code: BMA040
Update: December 2020



TECHNICAL FEATURES

PHYSICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Thickness		Internal	micron (μm)	40
Grammage		Internal	g/m ²	36,40
Yield		Internal	m ² /kg	27,47
COF	Dynamic	ASTM D 1894	-	0,6
			-	
Surface tension corona/flame treated side		Internal	Dyne/cm	44

MECHANICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Tensile strength	MD	ASTM D 882	N/mm ²	150
	TD			260
Elongation at break	MD	ASTM D 882	%	170
	TD			70

THERMAL PROPERTIES		TEST METHOD	UNIT	VALUE
Heat shrinkage (130°C, 5 min.)	TD	Internal	%	4
	MD			2
Heat sealability range		The film is heat sealable only with hot wire		

OPTICAL PROPERTIES		TEST METHOD	UNIT	VALUE
Gloss		ASTM D 2457	%	95
Haze		ASTM D 1003	%	1,5

BARRIER PROPERTIES		TEST METHOD	UNIT	VALUE
WVTR, 38°C, 90%RH		ASTM F 1249	g/ m ² /day	3,4
O ₂ permeability 23°C, 0%RH		ASTM D 3985	cm ³ / m ² /day	1000

Storage: store in a dry and clean place far from heat sources and humidity (max 30°C and 55% of relative humidity). Do not expose rolls to direct sunlight. Protect the partially used rolls and keep a high stock rotation. The film should be allowed to reach operating room temperature 24 hours before use.

Note: trial tests are recommended before proceeding with full production run so as to verify the suitability of the product for its specific application. Verify the compatibility of the film with inks and adhesives. Please visit our web site for more details.

The values indicated represent the best of our knowledge and experience. They are provided simply as a matter of information, taking no responsibility on their absolute truthfulness. Values may be changed without notice. Mag Data S.p.A gives no warranty, expressed or implied, as to the suitability of the product for any specific application.

Mag Data – S.p.A. a socio unico

Strada della Selva 100 - 43052 Colorno (Pr) - Italy
P. IVA/C.F. 02551830348

Tel.: (0039) 0521/525311 Fax: (0039) 0521/525339

E-mail: info@mag-data.com Sito web: www.mag-data.com