

## TECHNICAL DATA SHEET

**CODE**      **N15-20100PXNP**

### Top Lidding Film sealant to PP and ITSELF

N° 0027      Date : 24/02/2015

PRODUCT :            N15-20100PXNP  
 COMPOSITION:        OPA 15 μ + ADHESIVE + PP 100 μ  
 CUSTOMER:            VERSATILE PACKAGING LTD  
 APPLICATION:         PACKAGING OF FOODSTUFF

TECHNICAL FEATURES: Transparent printable film with good sealability through contaminants. It can withstand temperatures down to -20°C and treatments up to 100°C<sup>2</sup>.

TYPICAL PROPERTIES	METHOD	UNIT	VALUES
Total thickness	DIN 53352	μ	117 ±6%
Basic weight	ASTM D-374	g/m <sup>2</sup>	109,95 ±6%
Layers adhesion	GIFLEX n° 4	N/15 mm	>3
W.V.T.R..38° - 90% U.R.	ASTM E-96	g/m <sup>2</sup> -24 h	< 10
O <sub>2</sub> .T.R. 23° - 0% U.R.	ASTM D-3985	cc/m <sup>2</sup> -24 h bar	< 110
Sealing strength	GIFLEX n° 3	N/15 mm	> 20 (till breakage)
Sealing temperature <sup>1</sup>	°C	140 – 190	Internal method (IL 102: 6 bar, 1 second)
Treatment <sup>2</sup>	Internal method (IL 106-B:autoclave in counterpression)		100°C – 60'

1 These values are referred to internal tests and are only indicative. Since many variable parameters are involved in the sealing tack, we recommend testing to achieve the required result. These values may sensibly change according to the type of PP trays.

2 As "treatment" we intend in water vapor-saturated environment (autoclave). The compliance to other treatments beyond these values and with other methods must be verified.

**The user is recommended to trial the film to confirm performances prior to full-scale production - To be used within 6 months, then features to be verified.**

**CAUTION FOR THE PROPER CONSERVATION:**

**Keep reels dry and protect from sunlight. Reels must be stored between 10° and 28°C. Storage humidity must not exceed 70%. Keep reels away from strong odours. Remove wrapping before use only. Reels should be used within 180 days. Beyond these terms examine reels before use, beyond these terms we do not ensure the mechanical properties and performance of the product.**

Reported data are only indicative and may be varied by us without any notice. Some processes may be performed by subcontractor.

**TECNOPACK UNIVEL** declares that the above laminate is in compliance with the following UE regulations:

- Regulation (CE) 1935/2004 and subsequent amendments
- Regulation (UE) 10/2011 and subsequent amendments
- Directive 94/62 and subsequent amendments

Italian Legislation:

- Ministerial Decree 21/03/1973 and following amendments
- DPR 777/82 and following amendments

Tutti i laminati in oggetto possono quindi essere inviati al riciclo per termodistruzione con recupero di energia.

Infine i coadiuvanti utilizzati per la sua formazione( inchiostri, adesivi ecc. ) rispettano quanto previsto dall'ultima lista di esclusione del CEPE.

General Director  
Paolo Bianco



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