

TECHNICAL DATA SHEET

Product : Printed Vacuum Pouches
Structure : PA/PE (7 layer, high clarity barrier film)

Basic Material Information

Raw Material	PA, PE
Colour	Clear Transparent

Physical Properties

	Unit	Test Method	Value
Elongation MD	%	ASTM D 882	>400
Elongation TD	%	ASTM D 882	>450
Tensile Strength MD	Mpa/15mm	ASTM D 882	>30
Tensile Strength TD	Mpa/15mm	ASTM D 882	>28
Coefficient of Friction	Kinetic (F/M)	ASTM D 1894	0.10-0.25
Dart Impact Strength	gf	ASTM D 1709	>700 (At ht. of 1.5Mtrs)

Thermal Properties

	Unit	Test Method	Value
Sealing Condition	125 Deg. C, 1.5 Second Dwell Time.		
Elongation TD	N/15mm		>40

Optical Properties

	Unit	Test Method	Value
Transparency	%	ASTM D 1003	90%
Haze	%	ASTM D 1003	5.5%

Barrier Properties

	Unit	Test Method	Value
Oxygen Transmission Ratio (OTR)	Cm ³ /Sq. Mtr/Day	ASTM D 3985	<30 (At 0% RH & 23 Deg. Celcius)
Water Vapor Transmission Ration (WVTR)	Gms/Sq. Mtr/Day	ASTM D 398-03	<3.0 (At 90% RH & 38 Deg. Celcius)

FOOD GRADE COMPLIANCE CERTIFICATE

The raw materials used for manufacturing are food grade as per US FDA 21 CFR CH.175.300 regulation. Commission Regulation (EU) no 10120'11 of 14 January 2011 on plastic materials and articles intended to come into contact with food (with all amendments: Commission Regulation (EU) no 32112011; Commission Regulation (EU) no 128212011; Commission Regulation (EU) no 1'18312012; Commission Regulation (EU) no 20212014; Commission Regulation (EU) no 17412015) Commission Regulation (EU) no 14'1612016 and 75212017 complied. The Materials comply with EN71 – 3, USFDA 177.1520 & REACH regulation (EC) No. 1907/2006

Storage: This film should be placed in clean, cool and dry storeroom and it is not be allowed to come in contact with mordant chemical goods and other insurant.

Declaration:

This technical data contained herein are guidelines. The advice contained herein is based upon our tests and information believed to be reliable, but users should not rely upon it absolutely for specific applications because performance properties will vary with processing conditions. It is given and accepted at user's risk and confirmation of its validity and suitability in particular cases should be obtained independently.