

TECHNICAL DATA SHEET

Product : Thermoforming Film (Bottom Web)
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)
Haze	Gms/Sq. Mtr/Day	ASTM D 398-03	<3.0 (At 90% RH & 38 Deg. Celcius)

Food Safety: All the raw material for manufacturing these films meets the requirement of FDA.

Applications: These films are suitable for thermoforming food applications.

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.