

CLEAR BOPET FILM TECHNOLOGY DATA

SPEC.	150UM BOPET CLEAR FILM	ITEM	
PROPERTIES		UNITS	TYPICAL VALUES
THICKNESS		UM	150
TENSILE STRENGTH	MD	MPA	162.7
	TD	MPA	193.8
ELONGATION	MD	%	168.2
	TD	%	149.8
HEAT SHRINKAGE	MD	%	1.4
	TD	%	0.52
HAZE		%	3.38
TRANSPARENCE		%	88.96
SURFACE TENSION		DYN/CM	56
FRICTION COEFFICIENT		μS/μD	0.413--
GLOSS INDEX		GS	143.2
AVERAGE THICKNESS		μM	149.7
AVERAGE THICKNESS TOLERANCE		%	1.5
MIN. THICKNESS TOLERANCE		%	-1.38
THICKNESS TOLERANCE		%	-0.8

T: 24°C

RH: 50%

QUALITY INSPECTOR:

WHITE BOPET FILM TECHNOLOGY DATA

SPEC.	150UM BOPET WHITE FILM	ITEM	
PROPERTIES		UNITS	TYPICAL VALUES
THICKNESS		UM	150
TENSILE STRENGTH	MD	MPA	178.2
	TD	MPA	150.8
ELONGATION	MD	%	164.2
	TD	%	119.8
HEAT SHRINKAGE	MD	%	0.81
	TD	%	0.32
HAZE		%	91.08
TRANSPARENCE		%	19.96
SURFACE TENSION		DYN/CM	56
FRICTION COEFFICIENT		μS/μD	0.443
GLOSS INDEX		GS	58
AVERAGE THICKNESS		μM	149.7
AVERAGE THICKNESS TOLERANCE		%	2.1
MIN. THICKNESS TOLERANCE		%	-1.78
THICKNESS TOLERANCE		%	-0.8

T: 24°C

RH: 50%

QUALITY INSPECTOR:

TECHICAL SPECIFICATIONS SHEET POLYESTER FILM

Grade-1470

PROPERTIES	TEST METHOD	UNIT	VALUES
Thickness	ASTM D3/4	Micron	250
Yield	JPFTM	M2/kg	2.9
Haze(max)	ASTM D1003	%	90
Total Luminous Transmission	ASTM D1003	%	67
Co-efficient of Friction(max)	ASTM D1894	Static	0.35
Tensile strength(min)	ASTN D882	Kg/m2 MD	1600
		Kg/m2 TD	1600
Elongation(min)	ASTM D882	% MD	140
		% TD	120
Shrinkage(max) at 150°C/30min	ASTM D1204	% MD	2.5
		% TD	1.5