

TECHNICAL DATA SHEET

PRODUCT Name/Code :		BOPP tape		FILM THICKNESS (Mic.) & (Mils) :		23	0.91
TAPETHICKNESS : (Mic.) & (Mils)		43	1.69				
TAPE COLOUR :		Clear		ADHESIVE THICKNESS : (Mic.) & (Mils)		20	0.79
Sr. No.	PARAMETERS & TOLERANCES	METRIC UNIT MEASUREMENT		STANDARD UNIT MEASUREMENT		TEST PROCEDURE	
		SPECIFICATION	UNIT	SPECIFICATION	UNIT		
1	180° PEEL ADHESION (Max,Min 10%)	600	Gms./2.5 cms.	21.16	oz./1' inch	AFERA 5001	
2	BREAKING STRENGTH (Max,Min 10%)	7	Kgs/2.5 cms.	15.43	lbs./1' inch	AFERA 5004	
3	ELONGATION (Max,Min 10%)	170	%	170	%	AFERA 5004	
4	SHEAR STRENGTH ON PAPER (Minimum)	70	Minutes	1.17	Hours	AFERA 5012	
5	ROLLING BALL TACK (± 2 Cms.)	10	Cms.	394	Mils	PSTC-6	
6	UNWINDING TENSION (± 50 Gms.)	500	Gms/2.5 cms.	17.64	oz./1' inch	--	
ADHESION TEST CONDITIONS (ACCORDING TO AFERA 5001) : -> Test specimens should be 24mm min. wide, 300mm long, unwinded from rate of 500 to 750 mm/s, room temperature 27°. -> Stainless steel plate should be 150mm long, 2mm thick, 50mm width, and cleaned by MEK(methyl ethyl ketone) for every test.						<input checked="" type="checkbox"/>	
ROLLING BALL TACK TEST CONDITIONS (ACCORDING TO PSTC-6) : -> A teste specimens should be 24mm wide, approximately 300mm long. -> Rolling ball should be 11mm (7/16") and clean by MEK(methyl ethyl ketone) for every test. -> A working surface that is level,hard and smooth.						<input checked="" type="checkbox"/>	
SHEAR TEST CONDITIONS (ACCORDING TO AFERA 5012) : -> A steel roller should be 85mm in dia., 45mm width, 6mm thick rubber covered, and 2Kg. Weight. -> Specimens should be 25mm in width. -> specimens should be remove from the roll by unwind rate 500 to 750 mm/s. -> Specimens should be taken between above 3 to below 6 outer wraps. -> Testing area should be 23°C in temperature.						<input checked="" type="checkbox"/>	
BREAKING STRENGTH & ELONGATION TEST CONDITIONS (ACCORDING TO AFERA 5004) : -> A test specimens should be 25mm in width, 200mm in length. -> Gauge length should be set on 100mm. -> Specimens should be perfect clamp to the grips of the testing machine. -> Specimens should be taken between above 3 to below 6 outer wraps						<input checked="" type="checkbox"/>	