

Hotmelt Tape

Heavy Grade

Product Description:

BOPP Hotmelt Tape is produced for versatility across a wide range of packaging applications. It delivers smooth processing & effortless unwind. With superior adhesion & high tensile strength, the hotmelt tape ensures secure, reliable seals on corrugated & recycled cartons.



Technical Properties	Test Method	Unit	Metric	Unit	Standard
Total Thickness	-	µm	71	mils	2.80
Film Thickness	-	µm	50	mils	1.97
Adhesive Thickness	-	µm	21	mils	0.83
Breaking Strength (Max,Min 10%)	AFERA 5004	kgs/2.5 cm	13.5	oz./1' inch	29.76
Elongation (Max,Min 10%)	AFERA 5004	%	170	%	170
180° Peel Adhesion (Max,Min 10%)	AFERA 5001	gms./2.5 cm	1200	oz./1' inch	42.33
Shear Strength On Paper (Minimum)	AFERA 5012	Minutes,	350	Hours	5.83
Rolling Ball Tack (± 2 cms.)	PSTC-6	cms.	6	Mils	236
Unwinding Tension (± 50 gms.)	-	gms./2.5 cms.	500	oz./1' inch	17.64

- ✓ **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°C.
 - Stainless steel plate should be 150mm long, 2mm thick, 50mm width, and cleaned by MEK(methyl ethyl ketone) for every test.
- ✓ **ROLLING BALL TACK TEST CONDITIONS (ACCORDING TO PSTC-6) :**
 - Test 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.
- ✓ **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.
- ✓ **BREAKING STRENGTH & ELONGATION TEST CONDITIONS (ACCORDING TO AFERA 5004) :**
 - 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.

ADDITIONAL INFORMATION

SHELF LIFE: The standard shelf life is 12 months from the date of manufacture. However, this depends on several factors such as storage conditions, handling etc.

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