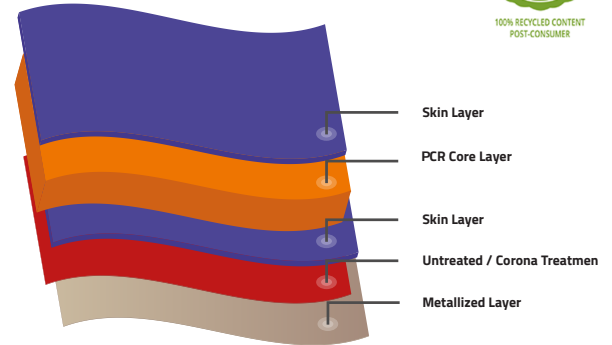


R-TST-M

PCR BASED TWIST GRADE METALLIZED BOPET FILM

R-TST-M is a metallized BOPET film. The Film is one side Untreated where as other side is either Untreated or Corona Treated. The metallization is available on the corona Treated Surface (MT) or Untreated surface as specified by customer. This data sheet applies to all PCR content levels (30, 50, 90, and 100%).

FILM STRUCTURE



KEY FEATURES:

- Excellent Stiffness
- Good Machinability & handling properties
- Excellent Mechanical properties
- Excellent Twist properties
- Post Consumer Recycle content for a low carbon footprint (all% PCR)

APPLICATION:

- Twist wrap application
- Candy Over wrap

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
OPTICAL DENSITY*** (TOLERANCE : +/- 5%)				Standerd Density: 2.2			
THICKNESS		Internal	Micron	18	20	23	30
			(Gauge)	72	80	92	120
YIELD		Internal	m² / kg	39.68	35.71	31.05	23.8
			in² /lb	27956	25159	21876	16768
COF (max) One side to the other side		ASTM D-1894	-	0.70	0.70	0.70	0.70
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	2100	2100	2100	2100
	TD			2300	2300	2300	2300
	MD		(Psi)	30000	30000	30000	30000
	TD			32700	32700	32700	32700
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	115	120	120	125
	TD			85	90	90	95

The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

FLEXMETPROTECT™ needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, FLEXMETPROTECT™ is suitable for use within 180 days from the date of shipment.

FOOD CONTACT

FLEXMETPROTECT™ complies with EU and FDA regulations on plastic materials used for food grade application. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Flex provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

FlexFilms

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