



SM 205 MLC

Doc No.-F/PRD/02, Rev.-01,
Dt.-01.06.2016

DESCRIPTION: SM 205 MLC, Metalized & Lacquer coated film is a co-extruded bi-axially oriented polyester film vacuum aluminum Metalized and Lacquer coated on **both side** with dyeing guarantee (DG).

APPLICATION: Suitable for Metallic Yarn, Zari, Lamination, Decorative application & Sequence.

SALIENT FEATURES :

- High Gloss properties.
- Excellent Machine ability.
- Good lamination adhesion.

TECHNICAL DATA SHEET (SM 205 MLC)

Properties		Test Method	Unit	SM 205 MLC
Physical Properties				
Thickness		ASTM D-374	Micron	12
Density			g/cc	1.4
Optical Properties				
Optical Density		SMLTM	-	1.9 ± 5%
Mechanical Properties				
Tensile Strength (Min)	MD	ASTM D-882	Kg/cm ²	2200
	TD			2100
Elongation (Min)	MD	ASTM D-882	%	100
	TD			90
Coefficient of friction (Max)	Static	ASTM D-1894	-	0.4-0.7
	Kinetic			0.3-0.6
Dyeing Properties				
Acetone Rub / CR (Min)	Coated Side	SMLTM	Nos.	25
Boiling Water (80°C / 30 Min.)		SMLTM	-	OK
Steaming (100°C / 30 Min.)		SMLTM	-	OK
Acetone Dip (21°C / 30 Min.)		SMLTM	-	OK
Manual Washing (60°C / 15 Min.)		SMLTM	-	OK
Trichloroethylene (25°C / 30 Min.)		SMLTM	-	OK
Benzene (25°C / 30 Min.)		SMLTM	-	OK
Ironing (125°C / 30 Sec.)		SMLTM	-	OK
Dry Heat (180°C / 30 Sec.)		SMLTM	-	OK
Tape Test		SMLTM	-	OK

Note- US FDA Approved

- Thickness up to 130mic. can be supplied on request with above specification.

MD : MACHINE DIRECTION , TD : TRANSVERSE DIRECTION

