



## 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
<b>Physical Properties</b>				
Thickness		ASTM D-374	Micron	<b>23</b>
Density			g/cc	1.4
<b>Optical Properties</b>				
Optical Density		SMLTM	-	1.9 ± 5%
<b>Mechanical Properties</b>				
Tensile Strength (Min)	MD	ASTM D-882	Kg/cm <sup>2</sup>	2100
	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
<b>Dyeing Properties</b>				
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

