



## COSMOTHENE® L705

### CHARACTERISTICS

Excellent processability, small neck-in, good heat seal property, good adhesion (with base film), odourless.

### APPLICATIONS

Extrusion coating on Polyester film, biaxially oriented PP film, paper, aluminium foil, PE woven cloth and other plastic films.

**L705** complies with U.S. FDA Regulation 21 CFR177.1520(C) 2.1, as long as it is used unmodified and processed according to standard manufacturing practices in the industries.

Note: Direct food contact is subjected to the extraction provisions of the regulation on the finished food contact article.

### TYPICAL PHYSICAL PROPERTIES

ITEM	UNIT	L705	TEST METHOD
Melt Flow Rate	g/10 mins	7	ASTM D1238
Density	g/cm <sup>3</sup>	0.918	ASTM D792
Tensile Strength at break	Mpa	12.0	ASTM D638
Elongation	%	550	ASTM D638
Stiffness	Mpa	200	ASTM D747
Melting Point	°C	105	TPC METHOD

### PROCESSING PROPERTIES & CONDITIONS

ITEM	SPEED	Unit	L705	TEST METHOD
Neck-in	200m/min	mm (2 sides)	36	TPC Method

Processing Temperature : C1/C2: 200/290°C, other heaters: 330°C  
 Air gap : 150mm  
 Coating thickness : 30µm  
 Base film : BOPP; 20µm

- The figures presented are typical laboratory averages, only for reference.

