

# 50 Mic PolyLactic Acid (PLA) Film

Codes:    White    PLW5  
          Clear     PL5

A clear or white film based on Polylactic Acid (PLA) and having a high gloss finish.

PLA is a biodegradable and compostable polymer derived from an annually renewable resource (corn).

The film exhibits excellent machinability, printability, scratch resistance and UV stability. The clear version offers high transparency.

Both white and clear versions of film are 100% compostable, degrading to water and CO<sub>2</sub>, and comply with EN13432.

This material is CD treated and can be printed by flexographic, letterpress, gravure, hot foil stamping and offset litho processes and can also be used for thermal transfer applications when used with compatible TT systems.

TYPICAL PROPERTIES	MEASUREMENT	TARGET	RANGE
Caliper	μ	50	+/- 5
Substance Clear White	Gsm	62.5 65.4	+/- 5
Gloss at 60o    ASTM D 523	Gloss units	125	
Haze (Clear film only) ASTM 1003	%	<5	
Optical Density - X-Rite 301 White	O.D.	0.50	
Ultimate Tensile Strength MD TD                    ASTM D882	N/mm <sup>2</sup>	56 54	

