

# TECHNICAL DATA SHEET



## TK BLACK ULTRASOFT (Bopp based thermal laminating film)

Article code 158xxxxxxxxx60s

### Profile:

- Smooth, Silky black biaxially oriented polypropylene, both sides corona treated laminating film.

### Features:

- Suitable for printing, hot foil stamping and UV spot varnish (initial tests required especially if the intention is to print, foil stamp or UV spot varnish on both sides.
- Good machinability
- **Not food contact approved**

### Applications:

- Thermal lamination with all kinds of paper & paperboards such as book covers, posters, magazines, boxes, menu cards, business cards etc.

TYPICAL PROPERTIES +-5%		UNIT	TEST METHOD	VALUES
Thickness		Microns	GB/6672	≥ 35
Unit Weight		g/m <sup>2</sup>		31.5
Yield		M <sup>2</sup> /kg	GB/6672	30.5
Haze		%		≥ 80
Heat Shrinkage (120°C 30s) M/D - T/D		%		≤ 1.0
Tensile Strength	M/D - T/D	MPa	GB13022	≥ 60 / 90
Elongation of break	M/D - T/D	%		≤ 200 / 60
Surface Tension	(Both-sides)	Dynes	GB/T14216	39
Recommended laminating pressure		Kg/cm		≥ 30
Recommended laminating speed		MPM		≥ 30
Coefficient of friction		film/film	GB10006	≤ 0.6

M/D = Machine Direction T/D = Transverse Direction

**Recommended Storage conditions:** Keep in a dry, clean location away from direct sunlight. Ideally wrapped in plastic or in a cardboard box, at a temperature between 18 ~ 25°C, 40% relative humidity. Do not store rolls horizontally unless supported by end frames from the ground.

**Disclaimer:** The information provided above is to the best of knowledge of the producer. The values provided are test results, which are indicative only and provided for guidelines.

### Ultralen® registered trademark

The aforementioned data are given most conscientiously but without any obligation. Any processing details are provided merely for guidance, it is the user's responsibility to check the suitability of the product for the intended application.

**Warranty:** This product has a warranty of 180 days from the date on the invoice; claims after 180 days from the date on the invoice for any reason cannot be accepted. Please always keep the full label details of the roll available for warranty purposes, without full label details we cannot handle or accept any claims.

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