

Platinum Paper

Product: Syn-Durable 140 μ

Properties	Unit	Values	Method	
Caliper	μ	140	ISO 4593	
Density	g/cm ³	104	Internal	
Weight	g/cm ³	146	ISO 536	
Average Yield	m ² /kg	6.8	Internal	
Tensile Strength	MD	MPa	34	ISO 527-3
	TD		29	
Elongation	MD	%	550	
	TD		550	
Tensile Modulus	MD	MPa	1300	
	TD		1200	
Surface treatment	Dyn/cm	>44	ISO 8296	
Whiteness	%(L*)	>94	CIELAB	
Opacity	%	>88	Internal	

SYN-DURABLE has a substitution of up to 40% polymers from non-renewable fossil fuels (oil) by natural minerals Enhanced carbon footprint:

- Reduce CO2 emission into the atmosphere.
- Reduce TiO2 pigment consumption.
- Reduce water consumption of raw materials.
- Reduce energy consumption during production.
- NIR detectable.

Product details

SYN-DURABLE is a 2 sides corona treated PO based white medium opaque synthetic paper. It is a mix of PE and PP with a bigger percentage of PE polymers. It is resistant to water, grease and chemicals. SYN-DURABLE is specially developed for excellent printability, reduction of die wear and improvement of run speed when printing and converting.

Converting and Printing

Suitable for printing on flexo (all types), letterpress (conventional and UV), screen printing, thermal transfer, hot stamping.

Packaging

The rolls are sliced according to customer requirements and packed with shrink films. They are delivered on pallets or in cartons. Product description labels are fixed on rolls.

Shelf Life and Storage Conditions

1 year. This product is recommended to be stored in a dry, heated area without ozone and sunlight.

Ref: SYNDUR 140

Date: 18/11/19

Notice: If the film is transported or stored at temperatures below +15 °C, it is recommended to season it at a temperature above 20°C for a minimum of 24 hours before it is further processed. If the film is transported or stored at temperatures below +5°C, the seasoning should be extended to a minimum of 48 hours. Observing these conditions will guarantee a correct film processing and preservation of the recommended film properties. This document is issued to the best of our knowledge. Based on theoretical values. Tolerances may apply.

All products supplied by Platinum Paper Limited are subject to the manufacturers strict manufacturing controls to guarantee good quality products. The above information is based on research believed to be reliable but does not constitute a warranty. Because of the variety of uses of Platinum Paper products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to change without prior notice.