

Clarifoil 30um Satine film

This is the standard film offered by Clarifoil for envelope window applications. It provides the following features:

- High clarity, non-glare, one side semi matt finish giving excellent address readability
- Easy tear characteristics – easy cutting for high speed processing.
- Good wet-out and coating performance with both solvent and aqueous adhesives.
- Good processing through coating and slitting.
- Can be home or industrially composted at the end of its life and is certified to EN13432 and TUV OK compost home standards.

Properties

Property	Test method	Value	Unit
<i>Density</i>		1.32 ± 0.01	gcm ⁻³
<i>Tensile strength</i>	ASTM D-882	90 ± 10	Nmm ⁻²
<i>Elongation at break</i>	ASTM D-882	30 -10/+20	%
Tear strength	ASTM D-1938	0.026 ± 0.004	N
Gloss (matt surface) / 60°	ASTM D523	16	%
Haze	ASTM D-1003	35	%
<i>Surface tension</i>	Dyne pen	40-44	mNm ⁻¹
Mean thickness	Areal weight method	30 ± 3%*	µm
Profile across the web	Beta gauge scan	≤ ± 2.5% of mean	
Width		± 2 up to 1285	mm

All properties measured at 23C and 50% RH unless stated otherwise and are the mean of several measurements.

The properties in bold italics are specification values. Other values quoted are representative. It should be noted that mechanical property values are very dependent on good cutting of edge samples: a poor edge will result in lower values.

Every effort has been made to ensure that the above information is correct and reflects current knowledge. However, customers should always carry out suitable proofing trials to ensure our product is fit for their purpose. Clarifoil cannot accept any responsibility for errors or omissions.