

## CLARUS BIO F 100 U

**Clarur BIO F 100 U** is an uncoated cellulose-based bio-film that is EN 13432 conform. It is both home and industrial compostable.

**Clarur BIO F 100 U** is not heat sealable, but is highly transparent, and printable on both sides. This film is food contact conform and has a good aroma barrier.



PROPERTY	TEST BASIS	TEST CONDITIONS	UNITS	THICKNESS VALUE				
Thickness	Internal		Micron	21μ	23μ	25μ	28μ	35μ
Yield	Internal		m <sup>2</sup> /kg g/m <sup>2</sup>	33.3 30.0	30.8 32.5	28.6 35.0	25.0 40.0	20.0 50.0
Permeability to: Water Vapor Oxygen	ASTM E96	38°C 90% RH	g/m <sup>2</sup> 24 hrs	Not applicable				
	ASTM F1927	23°C 0% RH 23°C 50% RH	cc/m <sup>2</sup> 24 hrs	1.0 10				
Optical: Gloss Haze (wide angle)	ASTM D 2457	45°	Units	95				
	ASTM D 1003	2.5°	%	2				
Coefficient of friction	ASTM D 1894	Static Dynamic		0.50 0.40				
Tensile strength	ASTM D 882		MN/ m <sup>2</sup>	MD TD	125 70			
Elongation at break	ASTM D 882		% %	MD TD	22 70			
Elasticity modulus (1% secant)	ASTM D 882		MN/ m <sup>2</sup>	MD TD	≥2000 ≥1000			

The technical specification is guaranteed for a period of 6 months from delivery.

The above information is given in good faith and is generally reliable. However, the customer will have to examine the suitability of the film for individual application. Hence no general or particular warranty for the applications of the film is offered by Clarur Films. The above information is liable to change due to innovation and improvement in the manufacturing process. Clarur Films assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the film for different end-uses.

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