



1. Maplon sheets type "S" technical specification.

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Test	Conditions	Result
Tensile properties:		
Tensile strength at yield (ASTM D638)*	MD 23 Deg.C° TD	26 N/mm ² 23 N/mm ²
Tensile strain at yield (ASTM D638)*	MD 23 Deg.C° TD	23% 19%
Young's modulus (ASTM D638)*	MD/TD 23 Deg.C°	300 N/mm ²
Strain at break (ASTM D638)*	MD 23 Deg.C° TD	>650% >300%
Dart Falling Impact. (ASTM D1709-85)*	23 Deg.C°	5.5 J
Izod impact (ASTM D256)**	23 Deg.C° 0 Deg.C°	420 J/m 100 J/m
Thermal Properties:		
Vicat softening point (ASTM D1525)		140 Deg.C°
Heat distortion Temp. (ASTM D648)		80 Deg.C°
Specific gravity		~0.91 gr/cm ³
Colour		Mapal Colour Catalogue No.520002
Surface Tension	Up to 6 month	Minimum 48 dyn/cm

*- Tests were made on 1mm thick sheets.

**- Sample thickness, 3.2 mm.

2. Maplon sheets production specification.

Sheet dimensions	Values	Production Tolerance
Thickness		
Min.	0.35 mm	+0.02mm, -0.05mm
Max.	5 mm	
Max width	1300	
max length	2500	+7.0 mm, - 0.0 mm
Embossing	Mapal Embossing Catalogue No.520009	

Properties :

Low stress whitening.

Suitable for die cutting.

Corona treated on both sides for offset and screen printing.

Applications :

Stationery, Packaging, House-hold products and printed items.