

Technical Product Information – Polypropylene Sheet

Product: Clear, White, Black, Colour and Semi-Transparent Sheets

Product Description: White and Milky-Clear soft sheet especially designed for printing.
The sheet has a shelf life of one year.

Applications: Offset, UV and Silk Screen printing as well as packaging.

Food approval: The clear and white sheets shall comply with the European Directive 2002/95/ EC (RoHS), European Directive 2002/72 EC for food contact & European Directive 1907/2006 (REACH)

Compliance of colour sheets must be checked individually.

1. Technical properties.

Test	Conditions	Result
Tensile properties (ASTM D638)		
Tensile strength at yield*	MD 23 °C TD	30 N/mm ² 27 N/mm ²
Tensile strain at yield*	MD 23 °C TD	25% 20%
Young's modulus*	MD/TD 23 °C	300 N/mm ²
Thermal properties		
Vicat softening point(ASTM D1525)		145 °C
Heat distortion Temp.(ASTM D648)		85 °C
Specific gravity		~0.91 gr/cm ³
Surface Energy		min. 42 dynes/cm

* Tests were made on 0.7 mm thick sheets. ** Tests were made on 3.2 mm thick sheets.

2. Production specification.

Sheet Dimensions	Value	Production Tolerance
Thickness	0.35 mm – 1.6 mm	+0.03 mm -0.03 mm
Length	Max 3000mm	0/+7mm
Width	Max width of 1500 mm	0/+7 mm
Embossing	See Samples	
Colour	See Samples	
Standard Configuration	Sheets	

3. Storage:

The material must be stored in a dry shaded place, at a temp. of 20 °C up to 25 °C at least 24Hours before printing or other processing of the sheet.

The information given in here on , is true and accurate to the best of our knowledge. The numeric values presented are typical values obtained by testing laboratory samples. This sheet is not intended as a legally binding assurance, since many factors may affect product properties during processing. The users should perform their own tests in order to ascertain the suitability to a specific application. Also, it is the users' responsibility to ensure that their specific use does not constitute an infringement of any patent or law.

11/02/2015