## **Product Data Sheet**



# **Material Specification**

## **Mulflute® Corrugated Sheet**

Impraboard® is corrugated plastic sheet or twin wall plastic sheet made from the highest quality polypropylene material using the most advanced and latest extrusion technology from Europe. There are suitable for various application, ranging from graphic arts, signage, display, agriculture, and other industrial Impraboard® offers you the benefits of:

- 1. Water resistant
- 2. Light, strong, and durable
- 3. Impact resistance
- 4. Re-usability
- 5. Hygienic
- 6. Outstanding weather ability
- 7. Dimensional stability in extreme temperature
- 8. Food contact (specially designed for the packaging industry)
- 9. Excellent surface for printing industry
- 10. Chemical resistance
- 11. Easy to convert (cut, form, bend, stitch, glued, etc)

#### Specification/Base Material

- Polypropylene Copolimer
- The base resin meet the FDA (Food and Drug Administration) requirements contained in the Code of Federal Regulations in 21 CFR 177.1520(a)(1)(i) and (c)(1.1a).
- We certify that the total of impurities in the Pigment Materials applied in our production does not exceed the total of: 100 PPM of the "Heavy Metals" Lead, Cadmium, Mercury, and Chromium (VI), indicated in the update of the: Packaging-Directive 94/62/EEC. (As from June 30 2001) and the CONEG-Regulation (USA) (As from January 01 1994) for Food-Packaging Materials.

### **Typical Properties**

Test	Unit	Value	<b>Valu</b> e
		3mm	5mm
ASTM D 792	g/cm3	0.5	0.9
ASTM D 792	mm	3 ± 0.1	5 ± 0.1
ASTM D 2578	Dyne/cm	54	54
AST <mark>M D 790</mark>	Kgf/cm2	9.67	14.95
ASTM D 638	Kgf/cm2	67.54	61.49
ASTM D 638	%	1217.96	1661.91
ISO 12048-94 (E)	Kgf	188.25	1302.8
ASTM D 781	Nm	11.08	22.4
ASTM D648	ōС	110	110
ASTM 1525	ōC	156	156
ASTM D 256	Kg.cm/cm	100	174
	ASTM D 792 ASTM D 792 ASTM D 2578  ASTM D 790 ASTM D 638 ASTM D 638 ISO 12048-94 (E) ASTM D 781  ASTM D 648 ASTM D 648 ASTM 1525	ASTM D 792 g/cm3  ASTM D 792 mm  ASTM D 2578 Dyne/cm  ASTM D 790 Kgf/cm2  ASTM D 638 Kgf/cm2  ASTM D 638 %  ISO 12048-94 (E) Kgf  ASTM D 781 Nm  ASTM D 648   C  C  C  C  C  C  C  C  C  C  C  C  C	ASTM D 792 g/cm3 0.5  ASTM D 792 mm 3±0.1  ASTM D 2578 Dyne/cm 54  ASTM D 790 Kgf/cm2 9.67  ASTM D 638 Kgf/cm2 67.54  ASTM D 638 % 1217.96  ISO 12048-94 (E) Kgf 188.25  ASTM D 781 Nm 11.08

This specification provides reliable and accurate data to the best of our knowledge at the time of publishing. Due to our inability to control conditions of use and application, we are unable to make any recommendations or suggestions. Mulford Plastics assumes no liability for use of information presented herein.