

# CONTOUR® 18

## Talc-filled Impact Copolymer






QUALITY CUSTOM PLASTIC SHEET



**CONTOUR® 18** is an impact copolymer Polypropylene that offers increased impact resistance when compared to a traditional homopolymer Polypropylene. It is a high-performing, high-quality rival to synthetic paper options in the print market.

### MATERIAL ATTRIBUTES:

-  Excellent lay-flat characteristics
-  Increased impact resistance
-  Durable for indoor or outdoor use

RESIN PROPERTY	UNIT	VALUE	ASTM METHOD
Specific Gravity	g/cm <sup>3</sup>	1.06	D792
Heat Deflection Temperature	°F	245	D1525
Notched Izod Impact	ft-lb/in	6.5	D256
Flexural Modulus	psi	200,000	D790

SHEET PROPERTY (.030")	UNIT	VALUE	ASTM METHOD
Specific Gravity	g/cm <sup>3</sup>	1.00	D792-13
Vicat Softening Temperature	°F	151	D1525-09
Dart Impact Resistance	joule	1.8	D3763-15
Flexural Stress	psi	6,885	D790
Flexural Strength- Max Load	lbs	2.1	D790
Tensile Strength @ Break	psi	2,292	D638-14
Tensile Strain @ Break	%	370	D638-14

### CONTOUR® POLYPROPYLENE

GOEX takes great pride in our Polypropylene product offering. As a company we have invested significant capital, R&D and time into developing the best Polypropylene sheets and rolls in the market. Our best-in-industry sheet flatness makes this the perfect choice for sheet fed printing. Our team is ready to help you find the material that is best suited for your application.

#### DISCLAIMER:

All listed technical data are typical values intended for your guidance. Final testing and fitness for use are determined by the end customer and intended use. GOEX encourages customers to conduct their own test to determine physical properties.

STANDARD CAPABILITIES	
Color	White
	Custom Colors
Gauge/Thickness	Minimum - .014"
	Maximum - .060"
Surface Finish	Gloss
	Matte
	Matte Matte
Roll Width	Minimum - 5"
	Maximum - 60"
Roll Diameter	Minimum - 18"
	Maximum - 48"
Core Size	3" or 6"
Sheet Width	Minimum - 20"
	Maximum - 60"
Sheet Length	Minimum - 18"
	Maximum - 128"
Options	Corona Treatment - 0, 1 or 2 sides

