

Pacur, the leader in lenticular lens extrusion, is introducing Ecolens™. Ecolens™ is a new material for use in print and packaging applications that is easy on nature. The new lens design is powered by LentiClear lens technology which utilizes a thinner lens thickness. By using this technology, the printer will realize lower costs per print run. This new product offering carries a #1 Resin Identification Code and has a biodegradable option, thus reducing landfill waste and your carbon footprint.

## ECOLENS™ LENTICULAR CHARACTERISTICS

USAGE:	UNIVERSAL EFFECTS
LENS THICKNESS:	.016"
LENTICULARS PER INCH:	75
RADIUS OF LENTICULE:	PROPRIETARY
WIDTH OF LENTICULE:	.0133"
VIEWING ANGLE:	49°

## ECOLENS™ LENTICULAR INFORMATION

EMBOSSSED LENTICULES:	PARALLEL TO MACHINE DIRECTION
SURFACE:	TOP: GLOSS BOTTOM: LENTICULAR
STANDARD STOCK PALLET:	FOUR-WAY ENTRY
STANDARD STOCK SHEET:	HALF AND FULL SHEETS
APPROXIMATE LEAD TIME:	2-3 DAYS FOR IN STOCK SHEET WITH CREDIT APPROVAL. FOR CUSTOM NON-STOCK SHEET, TO BE DETERMINED WITH PURCHASE ORDER.

## ECOLENS™ LENTICULAR SPECIFICATIONS

SHEET CAPABILITIES:	LENGTH-FROM 14" TO 64" WIDTH-FROM 20" TO 49"
SHEET TOLERANCE:	LENGTH ± 1/32" X WIDTH ± 1/32" MEASURED USING PTM #20 AND PTM #57
SHEET SQUARENESS:	SPECIFICATIONS 0.0 ± 0.008". ULTIMATE TARGET FOR SQUARENESS IS MAXIMUM OF ± 0.006". MEASURED USING PTM #26
GAUGE:	± 5%. MEASURED USING PTM #6
SURFACE TENSION:	THAT OF NATURAL RESIN 40 DYNES MIN. MEASURED USING PTM #13

## ECOLENS™ LENTICULAR PROPERTIES

	ASTM METHOD	VALUE
SPECIFIC GRAVITY:	D 1505	1.33
DYNE LEVEL: (NATURAL RESIN MIN.):		40
TRANSMITTANCE TOTAL % @ .01" THICKNESS:	D 1003	89
HAZE % @ .01" THICKNESS:	D 1003	0.8
REFRACTURE INDEX:	D542	1.575

The information contained herein is true and accurate to the best of our knowledge; however, it is presented without any guarantees and without assumption of any liabilities as a result of the use and the information herein.

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