

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: | STELLAR EFFECTS |
| LENS THICKNESS: | .014" |
| LENTICULARS PER INCH: | 100 |
| RADIUS OF LENTICULE: | PROPRIETARY |
| WIDTH OF LENTICULE: | .0099" |
| VIEWING ANGLE: | 42° |

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 $\pm 1/32"$ X WIDTH $\pm 1/32"$ MEASURED USING PTM #20 AND PTM #57 |
| SHEET SQUARENESS: | SPECIFICATIONS $0.0 \pm 0.008"$. ULTIMATE TARGET FOR SQUARENESS IS MAXIMUM OF $\pm 0.006"$. MEASURED USING PTM #26 |
| GAUGE: | $\pm 5\%$. 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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PACUR is an ISO 9001 company

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