

# EcoStar™ 1000 SERIES

## SEALABLE POLYESTERS



Our commitment to the environment not only means industry-leading materials—it also means having the experience to help provide smooth operational integration as well as solutions-based thinking. And most of all, it means cost-effective options so your company can respond to consumer, brand owner and retailer demands for environmentally conscious packaging.

### Typical Applications

- + Consumer Packaging
- + Health & Personal Care
- + Electronics
- + Hardware
- + Form, Fill Seal Applications
- + Sealing Methods Including:
  - Heat sealing plastic-to-plastic
  - Heat sealing plastic-to-coated and uncoated cardstock
  - Radio frequency
  - Ultrasonic
  - UV

### Features and Benefits

- + Precise gauge control
- + Excellent thermoform properties
- + Superior die-cutting properties
- + Excellent sealing properties

PROPERTIES	UNIT	HS1000 VALUE	HS1001 VALUE	HS1002 VALUE	ASTM TEST METHOD
CLARITY	(Percentage)	> 95	> 95	> 95	D 1003
TENSILE STRENGTH	psi	> 7,000	> 7,000	> 8,000	D 638
IZOD IMPACT STRENGTH	ft-lbs/in	1 to 2	1 to 2	1 to 2	D 256
HEAT DEFLECTION TEMP.	°F	150	146	150	D 648
DART IMPACT (20 MIL)	grams	> 750	> 500	> 750	D 1709
SPECIFIC GRAVITY	N/A	1.33 +/- 0.005	1.33 +/- 0.005	1.33 +/- 0.005	D 792
COLOR: B VALUE	N/A	0 +/- 1.0	0 +/- .05	0 +/- 1.0	D 1003
HAZE (20 MIL)	(Percentage)	< 10.0	< 4.0	< 4.0	D 1003
FLEXURAL MODULUS	psi	> 300,000	> 300,000	> 300,000	D 790

ORDER SIZE (LBS)	10,000 lbs
APPEARANCE	Clear Transparent Tints* Opaque Colors*
GUAGE	0.010 – 0.055"
ROLL DIAMETER	Maximum 43"
CORE SIZE	3" or 6" diameter

\* Minimum orders required for colors and specialty runs

### EcoStar HS1000

- + 35% post-consumer recycled content
- + Multi-layer
- + Superior heat sealing characteristics

### EcoStar HS1001

- + Virgin APET mono-layer
- + Food Grade
- + Superior heat sealing characteristics

### EcoStar HS1002

- + High impact virgin APET multi-layer
- + Food Grade
- + Superior heat sealing characteristics