

For high quality thermoforming results, the choice is clear.

## WHY CHOOSE LUMEX® G?

- Biggest advantage: NO PREDRY required before thermoforming
- Good optical properties & brilliant surface
- No stress-cracking or whitening when formed
- Very good chemical resistance
- Excellent low temperature performance
- High impact properties allow for a thinner gauge
- Low water absorption
- Easy to recycle
- FDA Regulation 21 CFR 177.1315

## APPLICATIONS

- Refrigerators & Coldroom Equipment
- Vacuum & Thermoforming
- Food Containers
- Medical Appliance Packaging
- Poster Glazing
- Machine Guards



Vacuum & Thermoforming



Poster Glazing



Machine Guards

## PRODUCT AVAILABILITY

	Gauges	Color	Sizes	Packing
<b>LUMEX G</b>	.030"	Clear	48" x 96"	175 sheets/skid
	.040"	Clear	48" x 96"	150 sheets/skid
	.060"	Clear	48" x 96"	100 sheets/skid
	.080"	Clear	48" x 96"	75 sheets/skid
	.118"	Clear	48" x 96"	50 sheets/skid
	.177"	Clear	48" x 96"	40 sheets/skid
	.236"	Clear	48" x 96"	30 sheets/skid

\*UV Grade available on special request

For high quality thermoforming results, the choice is clear.

## PROCESSING AND FINISHING

Techniques used for fabrication of LUMEX G include hot line bending, elaborate vacuum forming, sawing, drilling, punching, shearing, milling and die-cutting. Forming temperature range is 248 °F - 320 °F. LUMEX G sheets can be used in contact with food.



## TECHNICAL DATA

<b>Density</b>	ASTM D1505	1.27	g/cm <sup>3</sup>
<b>Tensile Strength</b>	DIN EN ISO 527	> 6,526	psi
<b>Flexural Modulus</b>	DIN EN ISO 178	290,075	psi
<b>Izod Impact Strength - Unnotched</b>	ISO 179	No Break	kJ/m <sup>2</sup>
<b>Surface Hardness</b>	ISO 868	40	Shore D
<b>Maximum Service Temperature</b>	--	149	F
<b>Coefficient of Linear Thermal Expansion</b>	DIN EN ISO 75-2	0.05	mm/(m*K)
<b>Light Transmission</b>	DIN 5036	> 84	%
<b>Fire Classification</b>	EN 13501-1	B - s1, d0	--