

TYPICAL PROPERTIES OF
22DG Polystyrene with Prodegradent Technology
Eco-Efficient Options without Compromising Performance



FILM ENGINEERED USING A PROVEN TECHNOLOGY
 To be discarded into common disposal environments.



Advantages

- Waste Reduction by accelerated erosion of the film's physical properties
- Recyclable – Compatible with existing Recycling Streams
- Contains up to 25% Post Industrial Recycled Content
- Economic Viability
- Excellent Processability using current inks and adhesives
- Third Party Substantiation (ASTM D6954-04 which includes ASTM D5208-09 & ASTM D5338-11)

TECHNICAL SPECIFICATIONS	UNITS	TYPICAL VALUES	ASTM
Specific Gravity	g/cc	1.05	
Yield	in ² /lb	26,360	
Tensile Strength at Yield	psi	8,000 to 12,000	D638
Ultimate Elongation	%	3 to 10	D638
Tensile Modulus	psi	400,000 to 450,000	D790
FDA Compliant		CFR 21 #177.1640	

Important Features

- LCF®22DG has a controlled lifespan of approximately 5 years
- Excellent stiffness for improved processability

Gauges Available

- This product is available in the same gauges as our gloss (3500) or matte (3605) white polystyrene
- This is currently a non-stock item
- Special order only – Minimum order quantities apply
- Upcharge over our standard white polystyrenes

CHEMICAL RESISTANCE

Acid Resistance	Good to Excellent
Strong Oxidizers	Poor
Alkalies	Excellent
Hydrocarbon Solvents	Poor
Alcohols	Good to Excellent
Fat, Grease, and Oil	Good

Special Handling Instructions

- Label Manufacturers are encouraged to process LCF®22DG within one year of purchase date
- Store away from heat and light

Thickness & Yields may vary by +/- 10%
 All data represents typical values by the methods indicated and should be considered so. The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.