

## Recycled Gray Opaque Linear Low Density Polyethylene (GRY1)



Recycled GRY1 is film made from recycled bag material. It is designed to provide a cost-effective alternative to other eco-friendly products when color uniformity is a secondary performance requirement. Standard gray tint is used to mask color inconsistencies that naturally occur from using recycled bags. GRY1 film may also be tinted green for end-user awareness. GRY1 is an opaque film that offers security, strength and excellent printing characteristics. Like all polyethylene materials, EarthAware™ GRY1 bags can be repeatedly recycled.

Genuine Autobag® bags-on-a-roll and SidePouch™ bags-in-a-box are system-matched and guaranteed to run on all Automated Packaging Systems' bagging equipment.

### User Benefits

- Made from Recycled Bag Material
- Versatile and Strong
- Optional Green Tint for End-User Awareness
- Continually Recyclable

### Typical Applications

- Medical
- Hardware
- Any application where opacity, strength, and earth-friendly properties are required

### Technical Specifications

**Compliances:** N/A  
**Press Printing:** Yes  
**Imprinting:** Yes  
**Trim Seal:** Yes  
**Mil Thickness:** 1.32, 1.54, 2.0, 2.8  
**Configuration:** Autobag; and SidePouch with restrictions

#### Performance Data:

	U/M	1.32/LD	1.54/SD	2.0/ET	2.8/ST	ASTM
Haze	%	50	Opaque	Opaque	Opaque	D-1003
Puncture Resistance (Dart)	grams	101	191	277	365	D-1709
Tensile Strength MD	psi	3880	3749	3614	3360	D-882A
Tensile Strength TD	psi	1410	3679	3358	3037	D-882A
Elongation MD	%	260	356	439	490	D-882A
Elongation TD	%	640	657	647	740	D-882A
Elmendorf Tear MD	grams	237	192	330	365	D-1922
Elmendorf Tear TD	grams	285	272	414	771	D-1922
OTR	cc/100in <sup>2</sup> /day	346	292	240	126.4	D-3985
MVTR	g/100in <sup>2</sup> /day	1.18	0.6	0.4	0.4	F-1249

Above chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect GRY1 material only. Certain minimum purchase volumes may apply. Shade of gray may vary from order to order. GRY1/recycled film is made with pre-consumer recycled bag material.



MIL **GRY1**  
 1.32 RGT  
 1.54  
 2.0  
 2.8

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