

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 can 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.

Technical Information

| | |
|----------------|--------------------------------------|
| Compliances | N/A |
| Press Printing | Yes |
| Imprinting | Yes |
| Trim Seal | Yes |
| Mil Thickness | 1.32, 1.54, 2.0, 2.8 |
| Configuration | Autobag; 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 ² /day | 346 | 292 | 240 | 126.4 | D-3985 |
| MVTR | g/100in ² /day | 1.18 | 0.6 | 0.4 | 0.4 | F-1249 |

Formulation

• GRY1



Features & Benefits

- Made from recycled bag material
- Versatile and strong
- Optional green tint for end-user awareness
- Continually recyclable



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.

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Patent(s): www.autobag.com/patents

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