

Oxodegradable Low Density Polyethylene

Oxodegradable Low Density Polyethylene from Polyrol is ideal for many industrial and retail applications, offering a cost-effective and reliable alternative to other oxodegradable film products.

This film contains a proprietary additive that causes oxodegradation of the poly in one to five years, depending on exposure conditions. Material performance properties and bag shelf life remain intact, as oxodegradation only occurs when in contact with other oxodegrading material, such as the conditions found in landfills, home and commercial composting. Oxodegradable Low Density Polyethylene bags oxodegrade in aerobic (with the presence of free oxygen) conditions. This material is also completely recyclable and ecologically safe.



USER BENEFITS

- Fully Oxodegradable
- Recyclable and environmentally responsible
- Good clarity and strength
- Optional green tint for end-user awareness

TYPICAL APPLICATIONS

- Automotive
- Medical
- Food
- Crafts

TECHNICAL SPECIFICATIONS

Properties	Values	Test methods
Optical Properties		
Gloss	53 %	ASTM D 2457
Haze	10 %	ASTM D 1003A
Clarity	26 mV	SABIC method
Film Properties		
Tear Strength TD	25 kN/m	ISO 6383-2
Tear Strength MD	70 kN/m	ISO 6383-2
COF	0.18 +/- 0.03	ASTM D 1894

The above chart reflects normal test values on flat film. Actual results may fluctuate due to inherent process variation. Technical specifications may be subject to change.