

METALLIZED POLYETHYLENE REPROCESSED



New Recycling Opportunities Can you re-process metallized PE?...

Yes, you can!



Metallized PE Pouch



100% Metallized PE resin



100% Metallized PE resin: re-extruded into film as 40% layer

- ◆ Recycling outlet for metallized PE
- ◆ Film performance is maintained
- ◆ Reduced carbon footprint

Properties	Values (Control)	Values with 40% Met PE reprocessed		Units	Test Method
Thickness	3.0	3.0		Mil	
Haze	12.0	24		%	ASTM D 1003
Gloss	65	65		45	ASTM D 2457
Tensile Strength (Break)	810 845	790 840	MD TD	Psi	ASTM D882
Tear Strength	405 515	395 505	MD TD	g	
Secant Modulus (1%)	30,500 33,000	31,000 32,250	MD TD	Psi	ASTM D882
Elongation	30,500 33,000	31,000 32,250	MD TD	%	ASTM D882

40% Met PE reprocessed content versus virgin PE film control, demonstrates that properties (with the exception of the haze value) do not change.

The Barrier People