



## PolyClean™ High Density Blend (PLC1)

PolyClean™ (PLC1) is a high-density, rich blend of polyethylene resins free of slip agents and other additives that can cause undesirable reactions with bag contents. PLC1 has good permeability performance and a high degree of scratch resistance. Additionally, PLC1 has a “machine direction” orientation, allowing easy tear propagation either vertically in Autobag® or horizontally in SidePouch™ configuration.

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.

MIL

MILT1,2

### User Benefits

- Reduced or Eliminated Process Additives
- Good Permeability Performance
- High Degree of Scratch Resistance

### Typical Applications

- Medical
- Crafts
- Food
- Sporting Goods
- Hardware
- Any application where process additives need to be reduced or eliminated

### Technical Specifications

**Compliances MLT1:** FDA 21 CFR 177.1350  
 FDA 21 CFR 177.1520

**Press Printing:** Yes

**Imprinting:** Yes

**Trim Seal:** No

**Mil Thickness:** 2.0, 3.0

**Configuration:** Autobag and SidePouch with restrictions

Performance Data:	U/M	2.0/SD	ASTM
Haze	%	34.6	D1003
Puncture Resistance (Dart)	grams	103	D-1709
Tensile Strength MD	psi	5536	D-882A
Tensile Strength TD	psi	3894	D-882A
Elongation MD	%	705	D-882A
Elongation TD	%	710	D-882A
Elmendorf Tear MD	grams	45	D-1922
Elmendorf Tear TD	grams	1357	D-1922
OTR	cc/100in <sup>2</sup> /day	96	D-3985
MVTR	g/100in <sup>2</sup> /day	0.15	F-1249



Above chart reflects nominal test values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect MLT1 & 2 materials only. Certain minimum purchase volumes may apply.

m a c h i n e s   m a t e r i a l s   s e r v i c e  
 s y s t e m s   a d v a n t a g e