

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.

User Benefits

- Good permeability performance
- High degree of scratch resistance

Typical Applications

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

Technical Specifications

Compliances: FDA 21 CFR 177.1350
FDA 21 CFR 177.1520

Press Printing: Yes

Imprinting: Yes

Trim Seal: No

Mil Thickness: 1.5, 2.0, 3.0

Configuration: Autobag; and SidePouch with restrictions

	U/M	1.5/LD	2.0/SD	3/ET	ASTM
Haze	%	30.6	36.4	48.2	D-1003
Puncture Resistance (Dart)	grams	120	140	275	D-1709
Tensile Strength MD	psi	5511	5260	4704	D-882A
Tensile Strength TD	psi	4811	4054	3633	D-882A
Elongation MD	%	712	800	831	D-882A
Elongation TD	%	837	882	909	D-882A
Elmendorf Tear MD	grams	122	130	405	D-1922
Elmendorf Tear TD	grams	1085	1426	1497	D-1922
OTR	cc/100in ² /day	120	81	59	D-3985
MVTR	g/100in ² /day	.33	.28	.21	F-1249



Above chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect PLC1 material only. Certain minimum purchase volumes may apply.

MIL

1.5

2.0

3.0

PLC1

00095687 007



machines

materials

service

s y s t e m s a d v a n t a g e

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