

## Black Opaque Low Density Polyethylene (BLK)



BLK material is designed to provide security and protection from light and particulates. BLK has excellent printing characteristics and processes well both in converting and loader applications. Its durability and opacity make BLK ideal for multiple applications. BLK is available in both Autobag® and SidePouch™ configurations.

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

- Easily Processed
- Versatility
- Strength

### Typical Applications

- Photographic Film
- Medical
- Hardware
- Any application where security and protection from light is required

### Technical Specifications

**Compliances:** FDA CRF 177.1350  
MIL-DTL-117H TYPE III CLASS B (ST ONLY)

**Press Printing:** Yes

**Imprinting:** Yes

**Trim Seal:** Yes

**Mil Thickness:** 1.5, 2.0, 3.0, 4.0

**Configuration:** Autobag; SidePouch with restrictions

Performance Data:	U/M	1.5/ LD	2.0/SD	3.0/ET	4.0/ST	ASTM
Haze	%	Opaque	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 <sup>2</sup> /day	346	292	240	126.4	D-3985
MVTR	g/100in <sup>2</sup> /day	1.18	0.6	0.4	0.4	F-1249



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

MIL

BLK

1.5

2.0

3.0

4.0

00095687 007



machines

materials

service

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

**AUTOMATED PACKAGING SYSTEMS, INC.**

10175 Philipp Parkway • Streetsboro, Ohio 44241

Tel: 330-342-2000 • Toll Free: 1-888-AUTOBAG • Fax: 330-342-2400 • www.autobag.com