

BLK Polyester (PET) Film

DESCRIPTION

BLK is an opaque black polyester film with high gloss.

CHARACTERISTICS

- Low content of carbon black
- High optical density

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE							TEST METHOD
Thickness	Gauge	100	200	300	400	500	750	1000	-
Yield	in ² /lb	20,088	10,044	6,696	5,022	10,044	2,671	2,009	-
COF	Dynamic	0.31	0.42	0.44	-	-	-	-	ASTM D1894
Gloss	%	100	110	110	110	100	100	100	ASTM D523
Light Transmission	%	2	0	0	0	0	0	0	ASTM D1003
Tensile Strength MD	psi	28,400	24,200	25,600	24,200	24,200	24,200	19,900	ASTM D882
Tensile Strength TD	psi	25	35,557	35,557	31,290	-	25,601	24,179	ASTM D882
Elongation at Break MD	%	148	198	203	193	205	183	200	ASTM D882
Elongation at Break TD	%	127	100	110	103	107	138	180	ASTM D882
Break down voltage	kV	8	10	12	14	16	17	20	-
Heat Shrinkage MD	%	2.5	1.4	1.2	1.1	1.1	1.2	1.6	150°C/30min
Heat Shrinkage TD	%	0.3	0.3	0.5	0.4	0.2	0.0	0.0	150°C/30min

*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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