GPLH-F Polyester (PET) Film

DESCRIPTION
GPLH-F is an untreated slightly rough-surfaced and hazy polyester film for enhanced handling and runnability.
(Also available in 400, 752, and 1000 gauge.)

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	92	142	200	300	500	700	-
Yield	in²/lb	21,911	13,950	10,044	6679	4015	2868	-
COF (Kinetic)	-	0.30 - 0.32	0.30 - 0.32	0.30 - 0.32	0.30	0.30	0.30	ASTM D1894
COF (Static)	-	0.37- 0.40	0.37-0.40	0.37-0.40	0.4	0.40	0.35	ASTM D1894
Tensile Strength MD	psi	30,000-35,000	30,000-33,000	29,500-33,000	30,000	28,600	27,200	ASTM D882
Tensile Strength TD	psi	31,500	31,400-33,400	31,400 - 37,500	31,400	30,000	28,600	ASTM D882
Elongation at Break MD	%	140	140 - 150	140 - 165	140	150	150	ASTM D882
Elongation at Break TD	%	120 - 130	120 – 130	120 - 130	130	140	130	ASTM D882
Haze	%	3.8-5.0	4.8-6.0	6.0-7.0	8.0	12	15	ASTM D1003
TLT	%	89.3	89.1	89.0	88.4	87.8	-	ASTM D1003
Heat Shrinkage MD	%	1.6	1.5 - 1.6	1.4 - 2.5	1.4	1.2	1.0	30 min at 150°C
Heat Shrinkage TD	%	0.2 - 1.5	0.2 - 0.6	0.2 - 0.8	0.2	0.2	0.6	30 min at 150°C
Gloss	%	160	157.5	157	-	-	-	ASTM D523
Surface Tension	Dyne	45	45	45	45	-	-	ASTM D2578

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