

2 mil LDPE film on a removable protective film tape

General Information

LDPE film laminated in-line to a removable protective film tape with low tack and no adhesive transfer

Physical Properties

Specific Gravity	0.920	g/cm ³	ASTM - D792
Gloss (60°)	40	GU	ASTM - D2457
Durometer Hardness	45	-	ASTM - D2240
Thickness	2 +/- 0.1	mil	PTM - QA - 005

Mechanical Properties

Tensile Elongation at Break (MD/TD)	200/450	%	ASTM - D638
Tensile Strength at Break (MD/TD)	3400/1850	psi	ASTM - D638
Peel from Film (72H Dwell/1 Month Dwell/2 Month Dwell /3 Month Dwell)	7.1/6.4/6.9/7.1	g/in	PTM - QA - 128

Thermal Properties

Peak Crystallization Temperature	95	°C	ASTM - D3418
Melting Temperature	110	°C	ISO - 3146
Melt Mass-Flow Rate (MFR) (190° C/2.16kg)	2.0	g/10 min	ASTM - D1238

Shelf Life

1 year from date of manufacture

Technical Information Notes

Complies with:

U.S. FDA 21 CFR 177.1520(c)2.2.

Suitable polymer for direct and indirect food contact

U. S. FDA-DMF Noted on a Drug Master File

Europe EU-Directive 2002/72/EC

Canadian HPFB No Objection (With Limitations)

Original Issue Date- 1/17/2020

Approval Date- 8/21/2020

Revision- A

Listed Values:

The above values are typical property values not to be construed as specification limits.

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