



Data Information Sheet
Typical Properties of A-PET Film
Printing/Folding Box Grade

Description

APPS is a clear amorphous PET (A-PET) with a gloss/gloss surface. APPS has been engineered for use in printing applications. It has excellent characteristics in clarity, slip, impact strength, and ink adhesion. Due to the high gloss, high transparency, and good slip characteristics, this grade is developed primarily for the UV offset printing and folded box industries. As this grade is FDA compliant it is also well suited for any food packaging applications.

<u>Property</u>	<u>Test Method</u>	<u>Typical Values</u>
Thickness (mils)	**	8.0 ~ 24.0 (sheets)
Thickness tolerance	ASTM D-1593	8.0 ~ 9.5 ± 5%
	ASTM D-1593	9.6 ~ 32.0 ± 3%
Transparency	ASTM D-1003	88 – 92%
Gloss Value (60°)	ASTM-D523	140-170
Specific Gravity	ASTM-D792	1.34 ± 0.01
Dyne Level	ASTM D-1003	36 ~ 40
Haze Value	ASTM D-1003	8.0 ~ 10.0 – 4.0↓ 10.0 ~ 12.0 – 4.5↓ 12.0 ~ 20.0 – 4.5↓ 20.0 ~ 24.0 – 4.5↓ 24.0 ~ 32.0 – 5.0↓
IV Value		0.67-0.73
Static Friction Coefficient	ASTM D-1894	0.20 ~ 0.35

* For dimensions and/or physical properties different from what is listed above or special requirements including weather ability and flammability, etc., contact the vendor for the agreement on the specifications.

** Factory Product Self Inspection and Test Methods.

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