



TECHNICAL BULLETIN

DATE:2019.06.11

A-PET SHEET 2APPS

DESCRIPTION:

The amorphous PET (A-PET) sheet 2APPS series products, with an internal anti-blocking agent, can be produced either in roll pack(0.15mm~0.80mm) or sheet pack(0.20mm~0.80mm). This products are developed to suitable for UV off-set printing and folding box applications.

GENERAL:

THICKNESS TOLERANCE

TEST METHOD

ASTM D-1593

0.150~0.150mm

TYPICAL VALUE

± 7%

0.151~0.240mm

± 5%

0.241~0.800mm

± 3%

TRANSPARENCY(%)

ASTM D-1003

88~92

GLOSS VALUE (60°)

ASTM D-523

150~165

HAZE(%)

ASTM D-1003

0.150~0.199mm

3.5 ↓

0.200~0.250mm

4.0 ↓

0.251~0.600mm

4.5 ↓

0.601~0.800mm

5.0 ↓

SPECIFIC GRAVITY

ASTM D-792

1.34±0.01

SURFACE TENSION

ASTM D-2578

0.150~0.199mm

31~34/34~38

0.200~0.800mm

34~38/36~38

APPEARANCE

SIGHT

CONTAMINATION

0.5mm~0.7mm ≤ 2 point

(Size : 20cm×20cm)

0.7mm~0.9mm ≤ 1 point

0.9mm ↑ none

SIGHT

COLOR POINT

0.3mm~0.5mm ≤ 1 point

0.5mm ↑ none

THERMAL:

HEAT DEFLECTION

ASTM D-648

61±2°C

TEMPERATURE(°C)

CHEMICAL:

IV VALUE

Refer to ASTM D4603

0.67 ~ 0.73

ANTI-BLOCKING:

Coefficient of

ASTM D-1894

0.25 ~ 0.40

Static Friction

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