

Technical Data Sheet	Rev.2 21.03.03
APET 020 - GAG Coextrusion	
PETG / APET / PETG	
DECORATIVE SHEET GRADE	
<p>GAG is the favored deco film worldwide with excellent aesthetic qualities. GAG is fully recyclable, easily formed and is the material of choice in the MDF&PB board furniture industry.</p>	

PHYSICAL PROPERTIES			
Property	Unit	Nominal Value	Test Method
Thickness tolerance	μm	+5% -0%	ASTM D 1005
Color Consistency @D65 (White color)	-	$\Delta E \leq 0.5$	CM-2600D
Color Consistency @D65 (Other color)	-	$\Delta E \leq 0.8$	CM-2600D
Gloss level @60° (High Glossy)	%	87.0~93.0	ASTM D 523
Gloss level @60° (Ultra Matte)	%	3.0~7.0	ASTM D 523
Coating hardness (@250g load)	-	Min.H	ASTM D 3363
Light Fastness (White color)	-	$\Delta E \leq 1.0$	ISO 4892-2 (A)
Light Fastness (Other color)	-	$\Delta E \leq 1.5$	ISO 4892-2 (A)
Specific gravity	g/cm^3	1.38~1.42	ASTM D 1503
Tensile strength	kgf/Cm^2	340	ASTM D 882
Izod impact strength @23°C (73°F)	J/m^2	50	ASTM D 256
Heat distortion temp. @0.455mpa (66 psi)	°C	65-70	ASTM D 648
Vicat softening point (@ 5kg load)	°C	70 (+/-2)	ASTM D 1525

GENERAL SPECIFICATIONS

- More than 100 standard colors available
- Custom color matching on request
- Coated material supplied with high-tack formable masking film
- Gauges from 185micron to 800micron thickness
- Maximum roll width : 1,580mm
- Maximum roll OD : 1,000mm
- Core diameter :152mm

All data is based on in-house testing and are believed to be typical values when measured under laboratory condition.
 Actual performance of the product described here in, and suitability for use is the responsibility of an end user.

Technical Data Sheet	Rev.2. 21.03.03
ASA 021 - ASA	
Acrylonitrile Styrene Acrylate	
DECORATIVE SHEET GRADE	
<p>ASA is widely used decorative film with excellent aesthetic and weathering qualities and a naturally hard surface due to it's inherent acrylic properties</p> <p>ASA is easily formed and is a material of choice in the MDF&PB board furniture industry.</p>	

PHYSICAL PROPERTIES			
Property	Unit	Nominal Value	Test Method
Thickness tolerance	μm	+5% -0%	ASTM D 1005
Color Consistency @D65 (White color)	-	$\Delta E \leq 0.5$	CM-2600D
Color Consistency @D65 (Other color)	-	$\Delta E \leq 0.8$	CM-2600D
Gloss level @60° (High Glossy)	%	87.0~93.0	ASTM D 523
Gloss level @60° (Ultra Matte)	%	3.0~7.0	ASTM D 523
Coating hardness (@250g load)	-	Min.H	ASTM D 3363
Light Fastness (White color)	-	$\Delta E \leq 1.0$	ISO 4892-2 (A)
Light Fastness (Other color)	-	$\Delta E \leq 1.5$	ISO 4892-2 (A)
Specific gravity	g/cm^3	1.07	ASTM D 1503
Tensile strength at Yield	MPa	57	ASTM D 128
Izod impact strength @23°C (73°F)	J/m^2	60	ASTM D 256
Heat distortion temp. @0.455mpa (66 psi)	°C	87	ASTM D 648
Vicat softening point (@ 5kg load)	°C	96	ASTM D 1525
Mold Shrinkage 23°C	%	0.4-0.7	ASTM D 955

GENERAL SPECIFICATIONS

- More than 100 standard colors available
- Custom color matching on request
- Coated material supplied with high-tack formable masking film
- Gauges from 185micron to 800micron thickness
- Maximum roll width : 1,580mm
- Maximum roll OD : 1,000mm
- Core diameter :152mm