EGYPT CHINA FOR ASA
中埃ASA板材公司
QUALITY PANELS · STRONGER FUTURES

OFFICIAL TECHNICAL SPECIFICATION

Technical Data Sheet

(TDS)

Product Name:	**ASA Film** (High-Performance Synthetic Surface Layer)
Product Model:	Standard Weather-Resistant Series
Company Name:	EGYPT CHINA FOR ASA (中埃ASA板材公司)
Application Scope:	Roof tiles, PVC door & window profiles, Wall panels, Decorative panels, Metal sheets, etc.
Service / Issuer Agency:	Technical Quality Assurance & Specification Control Dept.
Document Reference:	**TDS-ASA-01**
Regulatory Compliance:	RoHS 2.0 Compliant (2011/65/EU & (EU) 2015/863) | ISO Standard Verified

AUTHENTICATED TECHNICAL SPECIFICATION COVER
Verified according to ASTM, GB/T, and RoHS international testing standards. Issued for commercial and industrial synthetic material applications.

EGYPT CHINA FOR ASA
AUTHENTICATION SEAL
✓ CERTIFIED TDS

TECHNICAL PARAMETERS & PERFORMANCE SPECIFICATIONS

Property / Test Items	Test Method	Test Condition	Unit	Standard Value
Form	—	Smooth surface, uniform thickness, complete structure	—	**Meet**
Colour	—	Color uniformity	—	**Meet**
Tensile Strength	ASTM D638-14	50 mm/min	MPa	**39.8**
Flexural Strength	ASTM D790	3 mm/min	MPa	**52.6**
IZOD Impact Strength	ASTM D256	1/8"	J/m	**194**
Elongation at Break	ASTM D638-14	—	%	**12**
Melt Index	ASTM D1238	230°C / 21.6 kg	g/10min	**25**
Vicat Softening Temp.	ASTM D1525	5 kg & 50°C/H	°C	**85.2**
Specific Gravity	ASTM D792	23°C	g/cm³	**1.086**
QUV Weather Resistance (Lamp 6000h)	GB/T 16422.2-1999	65°C / 6000h	ΔE	**2.85**
ASH Rudimental	ASTM D5630	960°C	%	**2.4**
Heating Expansion Rate	—	—	%	**±0.5**
Heat-Seal Strength	—	—	N/15mm	**≥ 7.0**
Rockwell Hardness	ASTM D785	—	R	**105**
Corrosion Resistance	—	NaOH (10%), H_2SO_4 (20%), HCl (20%)	—	**No obvious change on surface**
Salt Spray Resistance	—	NaCl (5%) / 1000 hrs	—	**No obvious change on surface**
RoHS 2.0 Compliance	2011/65/EU & (EU) 2015/863	—	—	**PASS**

STORAGE, TRANSPORTATION & COMPLIANCE GUIDELINES

Storage & Handling:	• Prevent mechanical collision or direct exposure to sun and rain. • Store in a dry, cool, and clean warehouse away from sources of ignition or heat. • Keep outer packaging intact; handle lightly during loading and unloading.
Safety & Transport:	• Product is not classified as dangerous under **(EU) No 1272/2008 CLP** and **GHS** criteria. • Fully compliant with **RoHS 2.0 (2011/65/EU & (EU) 2015/863)** environmental standards.
Company & Supplier:	EGYPT CHINA FOR ASA (中埃ASA板材公司) Authorized Manufacturer & Distributor of ASA High-Performance Synthetic Films. Technical Quality Assurance & Specification Control Department.