



財團法人全國認證基金會  
Taiwan Accreditation Foundation

# Certification Accreditation

(Certificate No : L0340-220329)

This is to certify that

## China General Plastics Corporation Material Testing Laboratory

571, Minzu Road , Toufen City, Miaoli County, Taiwan (R.O.C.)

is accredited in respect of laboratory

**Accreditation Criteria** : ISO/IEC 17025:2017 ; CNS 17025:2018

**Accreditation Number** : 0340

**Originally Accredited** : December 01, 1996

**Effective Period** : March 11, 2022 to November 10, 2024

**Accredited Scope** : Testing Field, see described in the Appendix



Scan to verify

*Ching-Chang Lien*

Ching-Chang Lien  
President, Taiwan Accreditation Foundation  
March 29, 2022

Accreditation Number : 0340

Laboratory Head : YAO, Swim

06. 01 Polymer and Composite Materials  
Unplasticized Polyvinyl Chloride Pipes for Electric Conduit Use  
E007 Insulation and Insulation Resistance Test  
CNS 1302

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

M004 Impact Resistance  
CNS 1302

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

T001 Flammability  
CNS 1302

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

06. 01 Polymer and Composite Materials  
Plastics Material and Product  
M001 Durometer Hardness  
ASTM D2240  
HDA (20 to 90)  
HDD (20 to 90)

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

06. 01 Polymer and Composite Materials  
Plastic Material and Product  
Roofing sheets for Waterproofing  
M002 Tension  
CNS 10145  
ASTM D638 (Type I, IV Specimen)  
10 N to 10kN

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

06. 01 Polymer and Composite Materials  
Polyvinyl Chloride (PVC) Plastic Pipe

P2, total 5 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



Pipes and Fittings

M002 Tensile strength at yield test

CNS 1298

CNS 4053-1

CNS 14345

Dumbbell Specimen

10 N to 10 kN

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

M056 Pressure resistance for pipe , Pressure resistance at joint part

CNS 1298

CNS 4053-1

CNS 14345

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

□ 06. 01 Polymer and Composite Materials

Plastics Material and Product

Roofing sheets for Waterproofing

M017 Dimension (Thickness, Width)

CNS 10145

Digital Linear Gauge: (0.01 to 5) mm

Steel tape: (0.5 to 5) m

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

M020 Heat Distortion

CNS 1302

CNS 1298

CNS 4053-1

CNS 14345

ASTM D648

Oven: (50 to 145) °C

Vicat: (25 to 150) °C

HDT: (25 to 150) °C

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

□ 06. 01 Polymer and Composite Materials

Polyvinyl Chloride (PVC) Pipes

M017 Dimension

CNS 1298

CNS 1302

CNS 4053-1

CNS 14345

P3, total 5 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



CNS 14589  
Micrometer: (0.5 to 25) mm  
Caliper: (1 to 450) mm

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

M033 Immersion  
CNS 1298  
CNS 14345  
H<sub>2</sub>O (Dist.) , NaCl (10 % Solution) , H<sub>2</sub>SO<sub>4</sub> (30 % Solution) , NaOH (40 % Solution) ,  
HNO<sub>3</sub> (40 % Solution)

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

06. 01 Polymer and Composite Materials  
Flexible Type Plastics Material  
Plastic Films and Sheets  
Roofing sheets for Waterproofing  
M018 Tearing Strength  
CNS 10145  
10 N to 10 kN

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

06. 01 Polymer and Composite Materials  
Polyvinyl Chloride (PVC) Plastic Pipe  
M025 Eccentricity  
CNS 1298  
CNS 4053-1  
CNS 14345  
CNS 14589

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

06. 01 Polymer and Composite Materials  
Plastics Material  
M028 Density and Specific Gravity  
CNS 1298  
CNS 4053-1  
CNS 13333-1 (Method A)  
ASTM D792 (Method A)

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

06. 01 Polymer and Composite Materials  
Polyvinyl Chloride (PVC) Pipes and Fittings

P4, total 5 pages



M201 Flattening Test

CNS 1302  
CNS 1298  
CNS 4053-1  
CNS 14345  
CNS 14589  
100 N to 10 kN

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

□ 06. 01 Polymer and Composite Materials

Polyvinyl Chloride (PVC) Pipes  
Roofing sheets for Waterproofing  
M994 Mass per Unit Length  
Mass per Unit Area

CNS 1298  
CNS 1302  
CNS 14345  
CNS 4053-1  
CNS 10145

Digimatic Caliper: (1 to 450) mm

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

□ 06. 01 Polymer and Composite Materials

Unplasticized High Impact Polyvinyl Chloride Pipes  
Coextruded Polyvinyl Chloride (PVC) Plastic Pipe with a Cellular Core  
M999 Rigidity

CNS 14345 (2005)  
CNS 14589  
100 N to 10 kN

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

□ 06. 02 Polymer and Composite Materials

Vulcanized Rubber and Thermoplastic Elastomers  
M002 Tension  
ASTM D412 Method A (Die. A, B, C Specimen)  
10 N to 10 kN

Approval Signatory: YAO, Swim; CHEN, Ming-Show; YEH, Pi-Chi

(Null below)

