

Test Report No. 7191288054-MEC22-AY
dated 01 AUG 2022



PSB Singapore

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SUBJECT:

Vicat Softening Point of UPVC Fittings

TESTED FOR:

Snow Pte Ltd
15A Tuas Ave 18 #03-01
Singapore 638905

Attn: Mr. Huang ShengJie

SAMPLES DESCRIPTION:

The following white UPVC fitting test specimens, each with approximate dimensions of 16 mm x 16 mm were submitted by Snow Pte Ltd for testing.

Received Date	Sample Description	Quantity	Photographs
26 July 2022	32 mm dia. Bend	19 pcs	
26 July 2022	32 mm dia. Socket	12 pcs	

A_A *Yb*



- LA-2007-0380-A
- LA-2007-0381-F
- LA-2007-0382-B
- LA-2007-0383-G
- LA-2007-0384-G
- LA-2007-0385-E
- LA-2007-0386-C
- LA-2010-0464-D
- LA-2018-0702-B
- LA-2018-0703-G
- LA-2020-0747-L

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.

Laboratory:
TÜV SÜD PSB Pte. Ltd.
15 International Business Park
TÜV SÜD @ IBP
Singapore 609937

Phone : +65-6778 7777
E-mail: info.sg@tuv sud.com
<https://www.tuvsud.com/sg>
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
15 International Business Park
TÜV SÜD @ IBP
Singapore 609937
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SAMPLES DESCRIPTION (CONT'D):

Received Date	Sample Description	Quantity	Photographs
26 July 2022	110 mm dia. Socket	8 pcs	
26 July 2022	160 mm dia. Socket	9 pcs	
26 July 2022	50 mm dia. Y - Junction	16 pcs	
26 July 2022	110 mm dia. Y - Junction	8 pcs	

A_A Y₁₀



SAMPLES DESCRIPTION (CONT'D):

Received Date	Sample Description	Quantity	Photographs
28 July 2022	160 mm dia. Y - Junction	8 pcs	
28 July 2022	160 mm dia. Junction	8 pcs	

TEST METHOD:

SS 213 : 1998

Specification for Unplasticized PVC pipes and fittings for soil, waste and vent applications

Load : 5 kgf
Heat Transfer Medium : Silicone Oil
Heating Rate : 50 ± 5 °C/h
No of Determinations : 2

DATE OF TEST:

26 July 2022 - 01 August 2022

A_A




TEST RESULTS:

Sample Description	Vicat Softening Point (°C), average	SS 213 : 1998 Requirement (Fittings)
32 mm dia. Bend	83	79°C (min.)
32 mm dia. Socket	83	
110 mm dia. Socket	82	
160 mm dia. Socket	82	
50 mm dia. Y - Junction	83	
110 mm dia. Y - Junction	82	
160 mm dia. Y - Junction	82	
160 mm dia. Junction	81	

REMARKS:

1. Typical test specimen was shown in Figure 1.
2. The results were found to be complied to SS 213 : 1998 Requirement.

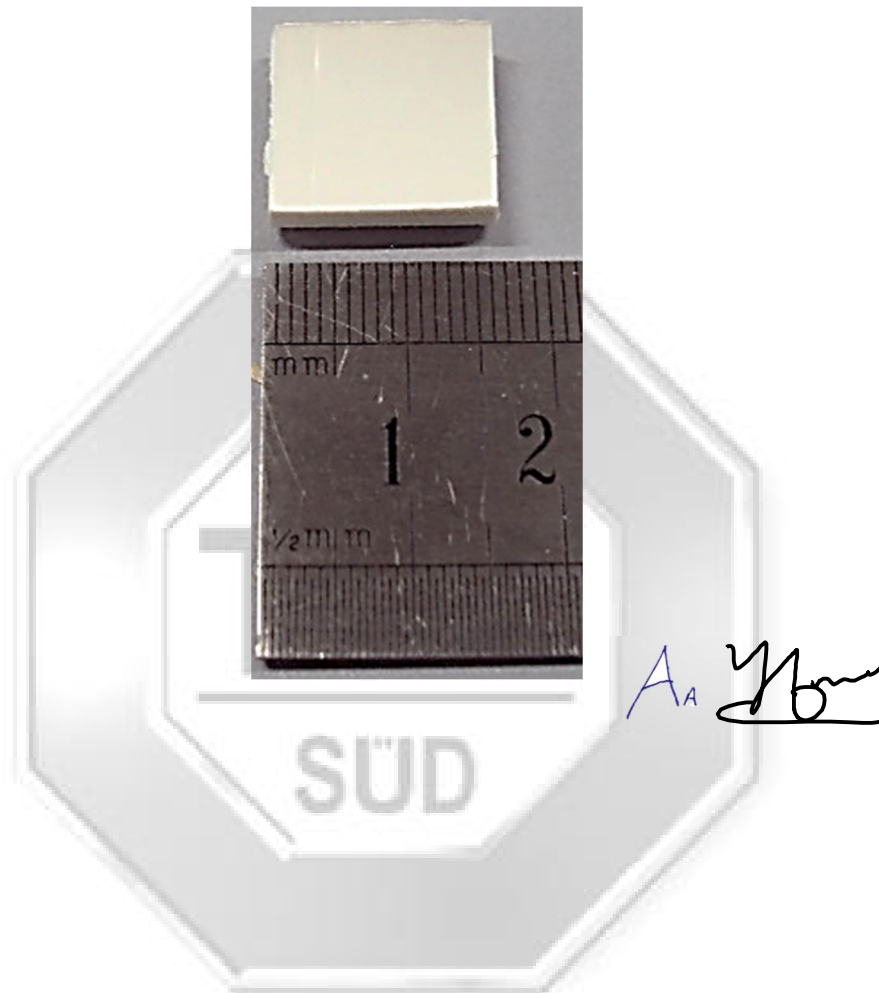


Aaron Yang
Associate Engineer



Kong Siew Yong
Product Manager
Polymer Products
Mechanical Centre

Figure 1: Photograph of typical specimen



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Effective 26 January 2021

