



## TEST REPORT TUCHENG

Date: Jun.11,2020 Date of Receipt: May.22,2020

Report No.: TFF9E452 Quantity: 1PC Page Order/Pages: (P1/6) Ref. No.: NIL

Report Title: Jeng Guang Co., Ltd.(T4561) Item: Mask

Address: No. 26, Jianguo E. Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)

Test Items		Test Results	Test Methods
Protection Efficiency of Mask(%) (0.075 μm NaCl,CMD)	1	80.20	CNS 14755 Z2125-2011 Flow rate:85± 4 (liter/min)
	2	80.40	
	3	80.50	
	4	81.70	
	5	80.55	
	6	80.46	
	7	80.70	
	8	80.50	
	9	81.00	
	10	81.70	
	Ave.	80.77	

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Note: Sample description is given by the client: Medical masks

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Authorized by president of  
Taiwan Textile Research Institute

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Report No.: TFF9E452 Quantity: 1PC Page Order/Pages: (P2/6) Ref. No.: NIL

Report Title: Jeng Guang Co., Ltd.(T4561) Item: Mask

Address: No. 26, Jianguo E. Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)

Test Items		Test Results	Test Methods
Inhalation Resistance (Pa)	1	75.16	CNS 14755 Z2125-2011 Flow rate:85± 4 (liter/min)
	2	76.44	
	3	76.44	
	4	80.36	
	5	77.42	
	6	76.44	
	7	76.44	
	8	76.44	
	9	75.46	
	10	77.42	
	Ave.	76.83	
Exhalation Resistance (Pa)	1	74.48	CNS 14755 Z2125-2011 Flow rate:85± 4 (liter/min)
	2	72.52	
	3	71.54	
	4	78.40	
	5	76.44	
	6	72.52	
	7	75.46	
	8	70.56	
	9	73.50	
	10	75.46	
	Ave	74.09	

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Note: 1mmH<sub>2</sub>O=9.8Pa.

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Address: No. 26, Jianguo E. Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)

Test Items		Test Results	Test Methods
Synthetic Blood Penetration Pressure: 80 mmHg	1	None Seen	CNS 14776 T4038-2003
	2	None Seen	
	3	None Seen	
	4	None Seen	
	5	None Seen	
	6	None Seen	
	7	None Seen	
	8	None Seen	
	9	None Seen	
	10	None Seen	
	11	None Seen	
	12	None Seen	
	13	None Seen	

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Address: No. 26, Jianguo E. Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)

Test Items		Test Results	Test Methods
Air Exchange Pressure (mmH <sub>2</sub> O/cm <sup>3</sup> )	1	2.7	CNS 14777 T4039-2003
	2	2.6	
	3	2.7	
	4	2.8	
	5	2.8	
Flammability (as Received)	Length wise	DNI	CNS 10285 L3196-1995
	Width wise	DNI	Method C
	Rating	Grade 1	

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Note: "DNI":Did Not Ignite.

Note: Air Exchange Pressure takes 5 masks for testing.

Note: Flammability takes 20 sample for testing.

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Test Items		Test Results	Test Methods
Bacterial Filtration	1	99.1	CNS 14775 T4037-2003
Efficiency (BFE)(%)	2	98.5	
Staphylococcus aureus	3	98.5	
ATCC 6538	4	98.9	
	5	98.6	

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Note: Control average: 2552 CFU.

Note: Mean particle size: 3.0  $\mu$ m.

Note: Testing side: outside of specimen.

Note: Testing area: 39.5 cm<sup>2</sup>.

Note: Flow rate : 28.3 L/min.

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