

TEST REPORT

Applicant : High-Co International Limited
Address : Suite 2203, Level 22, Office Tower Langham Place 8 Argyle Street,
Mongkok, Kowloon, Hong Kong
Sample Name : Refer to Table 1
Sample Received : October 8, 2018
Test Performing Date : October 8, 2018 ~ October 12, 2018
Test Laboratory : Korea Polymer Testing & Research Institute. LTD. (KOPTRI)
Test Item : Charpy Impact Strength
Test Method(s) : Refer to Table 2
Test Result(s) : Refer to Table 2
Analyzer : Jaedoo Lee / Assistant Researcher

completed by,

Byung Joon Ahn

Byungjoon Ahn / Manager

Approved by,

Kyoungho Min

Kyoungho Min / Deputy General Manager

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Issued Date: October 24, 2018

Tested by

Korea Polymer Testing & Research Institute (KOPTRI), Ltd.

(ISO 17025 Certified Laboratory)



Table 1. Test Sample Information

No	Sample Name	Sample ID	Picture
1	KLO-WRAP RN, KLO-WRAP SN	Koptri- 18-06-12766-1	

An Accompanying Sheet) Recorded Sample Name by Application Form : KLO-WRAP RN,KLO-WRAP SN

Table 2. Test Result

Sample ID	Test Item	Unit	Method	Result(s)
Koptri- 18-06-12766-1	Charpy Impact Strength (Notched)	kJ/m ²	KS M ISO 179-1	29

Note) Notch Depth : 1.55 mm (By Client)

1. Test Condition

(1) Test method : KS M ISO 179-1

(Plastics-Determination of Charpy impact properties-Part 1:Non-instrumented impact test)

(2) Instrument : Digital impact tester (QM700A, Qmesys)

(3) Notch Depth : 1.55 mm (By Client)

(4) Temperature : (23±2) °C, (50±5) % R.H.

2. Test Result

Table 3. Test Result (Charpy Impact Strength)

Sample ID	Run	Charpy Impact Strength (Notched) (kJ/m ²)
Koptri- 18-06-12766-2	1	26.75
	2	29.32
	3	29.11
	4	30.32
	5	27.51
	SD	1.45
	CV(%)	5.06
	AVERAGE	28.60

SD : Standard deviation

CV : Coefficient of variation=(SD/average) x 100

End