



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : MSK-2018-002026

Receipt Date : 2018.10.18.

Representative : CHOI CHANG HEE

Test Completion Date : 2018.10.26.

Company name : CHANGYOUNG CHEMICAL

Address : 704-27, Chogeum-ro, Geumwang-eup, Eumseong-gun, Chungcheongbuk-do, Korea

Sample name : TPU Tube

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Extraction test : Appearance	-	-	Colorless and transparent without any foreign substance.	By the client
Extraction test : pH	-	-	0.50	By the client
Extraction test : Heavy metals	-	-	Not darker than the control solution.	By the client
Extraction test : Potassiumpermanganate-reducible substances	mL	-	1.20	By the client
Extraction test : UV spectrum	-	-	220 nm~240 nm : 0.10, 241 nm~350 nm : 0.03	By the client
Extraction test : Residue on evaporation	mg	-	0.4	By the client

Extraction Condition

(Extraction test) : 4 g / 20 mL, 70 °C, 24 h

- Test period : Oct.22.2018 ~ Oct.26.2018

Annex#1 : Picture of appearance or shape

- Usage of Report : QUALITY CONTROL

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Shin Seo Kyoung

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Tel : 02-2092-3543

Jin-Sik Cho

Reviewed by Jin-Sik Cho

Technical Manager

Tel : 1577-0091(ARS ①-④)

2018.10.26.

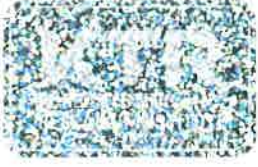
Korea Testing & Research Institute

President *Byun, Jong-Rip*



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1 of Total 2 Page(s)



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- NOTE :
1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
 2. This test report shall be used only within the purpose of its defined usage and shall not be used to public relation, advertisement and lawsuit.
 3. This test report is only valid when printed on KTR original report paper with hologram and when re-issued by KTR. The copy and the electronic file of the test report are only for reference.

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