



# TEST REPORT

1. NO : CT17-022254

Reissuance(R1)

2. Client

Date : 2017.03.06

○ Name : I-BADAK Co., Ltd

○ Address : 547-1, Sunam-ri, Eunhyun-myeon, Yangju-si, Gyeonggi-do, Korea

3. Date of Test : 2017.02.13 ~ 2017.03.06

4. Use of Report : Quality control

5. Test Sample : Rubber Tile

6. Test Method

(1) KS M 6518:2016

(2) ASTM F 1344-15

(3) KS M 3802:2014 Mod.



Affirmation	Tested By	Y.J. Ko	Technical Manager	S. Z. H
	Name : Young Jong Ko		Name : In Ho So	

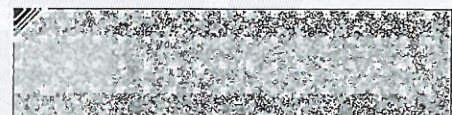
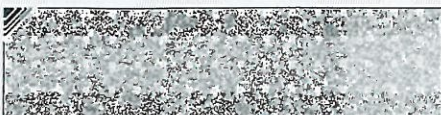
Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the qualities of the lot from which the sample was taken or of apparently identical or similar products.

2017.03.06

Korea Conformity Laboratories President Kyung Sik Kim *Kyung Sik Kim*

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Result Inquiry : Applied Polymer Research Center 82-2-2102-2667



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## 7. Test Results

### 1) Rubber Tile

Test Item(s)	Unit	Test Method	Test Results	Remark
Tensile strength(Specimen : Dumbbell No.3)	MPa	(1)	12.7	-
Elongation	%	(1)	500	-
Tear strength(Specimen : Type B)	kN/m	(1)	49	-
Hardness(Type A)	-	(2)	90	-
Heat resistance : (70 ± 1) °C, 168 h - Color difference(ΔE*ab)	-	(2)	0.6	-
Abrasion resistance	g	(2)	0.53	-
Resistance to chemical exposure : 1 h - 5 % acetic acid	-	(2)	No staining	-
Resistance to chemical exposure : 1 h - 70 % isopropyl alcohol	-	(2)	No staining	-
Resistance to chemical exposure : 1 h - 5 % NaOH	-	(2)	No staining	-
Resistance to chemical exposure : 1 h - 5 % HCl	-	(2)	No staining	-
Resistance to chemical exposure : 1 h - 5 % H <sub>2</sub> SO <sub>4</sub>	-	(2)	No staining	-
Resistance to chemical exposure : 1 h - 5 % NH <sub>4</sub> OH	-	(2)	No staining	-
Resistance to chemical exposure : 1 h - 5.25 % NaOCl	-	(2)	No staining	-
Resistance to chemical exposure : 1 h - 5 % active phenol	-	(2)	No staining	-
Squareness(Side 1)	mm	(3)	0.01	-
Squareness(Side 2)	mm	(3)	0.01	-
Squareness(Side 3)	mm	(3)	0.01	-
Squareness(Side 4)	mm	(3)	0.01	-
Dimension(Thickness)	mm	(3)	4.1	-
Dimension(Width)	mm	(3)	500	-
Dimension(Length)	mm	(3)	500	-
Variation in length due to heating : (80 ± 1) °C, 6 h - Width	%	(3)	0.06	-
Variation in length due to heating : (80 ± 1) °C, 6 h - Length	%	(3)	0.06	-

----- End of Report -----

