

To, ACOURETE CO., LTD

Certificate Number R07-0135

Certification Date 2007.04.19

TEST REPORT

Mat Resin



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TEST REPORT

Certificate No.	R07-0135
Client	ACOURETE CO., LTD
Receipt No.	ACOURETE CO., LTD
Receipt No.	T07-0084
Test Date	2007. 4. 9 — 2007. 4. 11
Commodity	MAT RESIN
Test Standard	Toxicity Index (BS 6853 Annex B.2:1999)



Test Record

Test Report

..... 2 page
Total 2 page

Uses: Quality Control

Note : This result of testing has been made for the commodities provided by the applicant. Except for the defined uses, this report should not be used.

Tester : Duck- Hee Lee  Technical Manager: Woo-Sung Jung 

(Date) 2007 04 19

(Certificated by) President of Korea Railroad Research Institute



• The test results of this report are authorized by the Korea Laboratory Accreditation Scheme that signed the Mutual Recognition Arrangement of the International Laboratory Accreditation Cooperation.

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TEST REPORT



Test Result

MAT RESIN / Toxicity Index

Test List	Reference Value (g/m ³)	Quantitative Analysis (g/m ³)				r(x)
		1st	2nd	3rd	Average	
CO ₂	14 000	2 211	1 870	1 870	1 984	0.142
CO	280	64.92	67.09	63.30	65.10	0.233
NO _x	7.6	1.96	1.78	1.96	1.90	0.249
SO ₂	53	0.74	0.74	0.99	0.83	0.016
HCl	15	0.07	0.07	0.07	0.07	0.005
HCN	11	1.25	1.15	1.25	1.22	0.111
HBr	20	N.D*	N.D*	N.D*	N.D*	N.D*
HF	4.9	N.D*	N.D*	N.D*	N.D*	N.D*
R (Toxic Index)						0.75

* N.D : not detected

- Specimen Size : 76 mm × 76 mm × 1.5 mm(t)

- D_s at Sampling Time : 106.86

- Time to 85 % of D_{Smax} : 328 sec