

Bulletin
of The
Hiroshima Prefectural Technology Research Institute
Western Region Industrial Research Center

No.62 (2019)

—Originals—

- 1 Evaluation of mixed mode fracture toughness of adhesively bonded CFRP joints with high fracture toughness adhesive 1
KOUNO Yousuke, SUEMURA Hiroshi, IMANAKA Makoto, HARA Keisuke and FUKUCHI Yusuke
- 2 The molecular structural analysis of the plastic plate treated by photochemical surface modification, using the infrared microspectroscopic imaging method 6
KOJIMA Hiroharu, NOJIRI Hidetoshi and OKOSHI Masayuki

—Notes—

- 3 Improvement of CFRP crash analysis accuracy 10
MATSUNAGA Hisanori and SUEMURA Hiroshi
- 4 Improvement of heat insulating property by multiplying of air-gap-layers 14
TSUTSUMOTO Takahiro and HASEGAWA Koji
- 5 Improvement of the heat insulation performance for car tailgate 18
HASEGAWA Koji and TSUTSUMOTO Takahiro
- 6 Investigation of cracking of die casting mold and measures to prevent corrosion of mold 22
ISHIMOTO Yosuke, OHISHI Kaoru, MORISHITA Yuki, FUJIMOTO Naoya and TABATA Junji
- 7 Incremental bending of thin sheet 25
ABE Shigeki, OKANO Hitoshi and IWATANI Minoru
- 8 STEM-EDS and STEM-EELS 3D Tomography of Gold-Silica Nano Particle 29
TANABE Eishi
- 9 Research on improvement of measurement accuracy of heat transfer coefficient 32
TERAYAMA Akira, FUYAMA Nobuyuki and NAGAOKA Takashi

Published by

Hiroshima Prefectural Technology Research Institute
Western Region Industrial Research Center
E-mail : wkcgijutsu@pref.hiroshima.lg.jp
Aga-minami 2-10-1, Kure-shi,
Hiroshima, 737-0004 JAPAN