

Poster Group-A

| <i>No</i> | <i>Author</i> | <i>Affiliation</i> | <i>Title</i> |
|-----------|---|---|--|
| A-1 | Shouke Yan ^{1a)} , Ingo Lieberwirth ² , Frank Katzenberg ² , and Jürgen Petermann ² | 1) State Key Laboratory of Polymer Physics and Chemistry, Center of Macromolecular Sciences, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100080, P. R. China 2) Institute of Materials Science, Department of Chemical Engineering, University of Dortmund, D-44221 Dortmund, Germany | Microstructured Ultra-thin Polymer Films Prepared by Selective Oriented Recrystallization |
| A-2 | Tsutomu Asano ^{a)} , Kiyomasa Imaizumi, Norihide Tohyama, Shinya Yoshida | Faculty of Science, Shizuoka University, Ohya 836, Shizuoka 422-8529, Japan | Investigation of a Crystallizing Surface of Polypropylene during the α-β Form Transition |
| A-3 | Seiichi Kawahara ^{1a)} , Yoshinobu Isono ¹ and Masamichi Hikosaka ² | 1) Department of Chemistry, Faculty of Engineering, Nagaoka University of Technology, Nagaoka, Niigata 940-2188, Japan 2) Faculty of Integrated Arts and Sciences, Hiroshima University, Kagamiyama, Higashi-Hiroshima, 739-8521, Japan | Nucleation and Growth of Highly Purified Linear Natural Rubber |
| A-4 | Jittra Ruangdech ¹ , Seiichi Kawahara ^{a)} , Yoshinobu Isono ¹ and Masamichi Hikosaka ² | 1) Department of Chemistry, Faculty of Engineering, Nagaoka University of Technology, Nagaoka, Niigata, Japan 940-2188 2) Faculty of Integrated Arts and Sciences, Hiroshima University, Kagamiyama, Higashi-Hiroshima, 739-8521, Japan | Effects of Fatty Acid on Crystallization Behavior of Natural Rubber |
| A-5 | Guangping Zhang ¹ , Zhong Xin ^{2a)} , Jianyong Yu ¹ , Quande Gui ² and Shanyuan Wang ¹ | 1) College of Textile, Donghua University, 1882 West Yanan Road, Shanghai, P.R. China 2) Polymer Processing Lab, East China University of Science and Technology, 130 Meilong Road, Shanghai, P.R. China | Nucleating Effect of the Organic Phosphates in Polypropylene |
| A-6 | Yoshitsugu Ohtani, Kenji Okumura and Akiyoshi Kawaguchi | Faculty of Science and Engineering, Ritsumeikan University, 1-1-1 Nojihigashi, Kusatsu, Shiga 525-8577, Japan | Crystallization of Poly-L-lactide from the Amorphous State |
| A-7 | Annette Thierry ^{1a)} , Bernard Lotz ¹ , Harald Plank ² , Kurt Erlacher ² and Roland Resel ² | 1) ICS-CNRS, 6 rue Boussingault, 67083 Strasbourg, France 2) Institute of Solid State Physics, Graz University of Technology, Petergasse 16, 8010 Graz, Austria | Ordered Thin Films for Photoelectronics: Morphology and Structure |
| A-8 | Fumitaka Horii, Miwa Murakami, and Hiroyuki Ishida | Institute for Chemical Research, Kyoto University, Uji, Kyoto 611-0011, Japan | Liquid Crystallization and Crystallization of Polyether and Polyurethane with the Same Mesogen and Spacer Units |
| A-9 | Katsufumi Tanaka ^{1a)} , Koichro Yonetake ² , and Ryuichi Akiyama ¹ | 1) Department of Polymer Science and Engineering, Kyoto Institute of Technology, Kyoto 606-8585, Japan 2) Department of Polymer Science and Engineering, Yamagata University, Yonezawa 992-8510, Japan | Structural Evolution during and after Cessation of the Shear Flow for a Side-Chain-Type Liquid Crystalline Polysiloxane above the Isotropic-Liquid Crystalline Phase Transition Temperature |

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| A-10 | Daisuke Yuya, Toshinori Kukuchi and Akiyoshi Kawaguchi | Faculty of Science and Engineering, Ritsumeikan University, 1-1-1 Nojihigashi, Kusatsu, Shiga 525-8577, Japan | Nucleation Rate of Isotactic Polypropylene under Shear |
| A-11 | Mahmoud Al-Hussein and Gert Strobl | Fakultät für Physik, Albert-Ludwigs-Universität, 79104 Freiburg, Germany | On the Mechanisms of Recrystallization after Melting in Semicrystalline Polymers: The Effect of the Initial Melt State |
| A-12 | Salim Ok and A. Levent Demirel ^{a)} | Chemistry Department, Koç University, Sariyer 80910, Istanbul, Turkey | Crystallization of Poly(ethylene oxide) in Thin Films |
| A-13 | Daisuke Tahara ^{1a)} and Yoshihisa Miyamoto ² | 1) Graduate School of Human and Environmental Studies, Kyoto University, Kyoto 606-8501 Japan 2) Faculty of Integrated Human Studies, Kyoto University, Kyoto 606-8501 Japan | Light Scattering from a Polymer Spherulite in the Growth Process |
| A-14 | Ken Taguchi ^{2a)} , Hideki Miyaji ¹ , Kunihide Izumi ¹ , Akitaka Hoshino ¹ , Yoshihisa Miyamoto ² and Ryohei Kokawa ³ | 1) Department of Physics, Graduate School of Science, Kyoto University, Sakyo Kyoto 606-8502, Japan, 2) Department of Fundamental Sciences, Faculty of Integrated Human Studies, Kyoto University, Sakyo Kyoto 606-8501, Japan 3) Shimadzu Corporation, Kanagawa 259-1304, Japan | Thickness Dependence of Crystal Growth in Ultrathin Polymer Films |
| A-15 | G. Broza ¹ , K. Schulte ¹ , J. Nastalczyk ¹ , J. Sandler ² , Y.-M. Lam ² , M.S.P. Shaffer ² | 1) Polymer Composites, Technical University Hamburg-Harburg, Denickestrasse 15, D-21071 Hamburg, Germany 2) Department of Materials Science and Metallurgy, University of Cambridge, Pembroke Street, CB2 3QZ Cambridge, UK | Crystallization Uniaxially Oriented Semicrystalline Thermoplastic Polymers on Carbon Nanofibers |
| A-16 | Yoshihisa Miyamoto ^{1a)} , Hiromi Yamao ² and Ken Sekimoto ³ | 1) Faculty of Integrated Human Studies, Kyoto University Kyoto 606-8501 Japan 2) Graduate School of Human and Environmental Studies, Kyoto University Kyoto 606-8501 Japan 3) Yukawa Institute of Theoretical Physics, Kyoto University Kyoto 606-8502 Japan | Crystallization and Glass Transition of Polyisoprene Rubber |
| A-17 | Ewa Piorkowska, Andrzej Galeski | Centre of Molecular and Macromolecular Studies, Polish Academy of Science, 90-363 Lodz, Sienkiewicza 112, Poland | New Possibilities in the Description of Overall Crystallization of Polymers |
| A-18 | Toshihiro Hiejima ^{a)} , Yoshinori Kobayashi and Akihiro ABE | Department of Applied Chemistry, Tokyo Institute of Polytechnics, 1583 Iiyama, Atsugi 243-0297, JAPAN | Orientational Order and Thermodynamic Properties of Main-Chain Liquid Crystals having Oxyethylene Oligomers as a Spacer |
| A-19 | Gensei Teramoto and Hiromu Saito | Department of Organic and Polymer Materials Chemistry, Tokyo University of Agriculture and Technology, Nakacho, Koganei-shi, Tokyo 184-8588, Japan | Crystallization of Polypropylene under Supercritical Carbon Dioxide |
| A-20 | Toshiji Kanaya, Hajime Fukushima, Yoshiko Ogino, Koji Nishida and Keisuke Kaji | Institute for Chemical Research, Kyoto University, Uji, Kyoto-fu 611-0011, Japan | Crystallization of Isotactic and Syndiotactic Polypropylenes under Shear Flow |

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| A-21 | Masayuki Imai ^{1a)} , Naohito Urakami ² , Atsumi Nakamura ¹ , Yoh Sano ³ , Ran Takadan ¹ and Reiko Oikawa ¹ | 1) Department of Physics, Faculty of Science, Ochanomizu University, Otsuka, Bunkyo, Tokyo 112-0012, Japan 2) Department of Physics, Biology and Informatics, Yamaguchi University, Yoshida, Yamaguchi 753-8512, Japan 3) Faculty of Pharmaceutical Sciences, Setsunan University, Hirakata, Osaka 573-0101, Japan | Polymer Induced Crystallization of Rod-Like Particles |
| A-22 | Shinichi Yamazaki ^{1a)} , Masamichi Hikosaka ¹ , Isao Wataoka ² , Akihiko Toda ¹ , Koji Yamada ³ and Katsuharu Tagashira ³ | 1) Faculty of Integrated Arts and Sciences, Hiroshima University, 1-7-1 Kagamiyama, Higashi-Hiroshima, Hiroshima, Japan 2) Venture Business Laboratory, Hiroshima University, 2-313 Kagamiyama, Higashi-Hiroshima, Hiroshima, Japan 3) Oita Research Center, R&D Department, SunAllomer Ltd., 2 Nakanosu, Oita, Japan | Nucleation and Morphology of Polyethylene under Shear Flow |
| A-23 | Keisuke Kawashima, Ryuichiro Kawano, Susumu Umemoto, Norimasa Okui | Department of Organic and Polymeric Materials, Polymer Center, Tokyo Institute of Technology, Ookayama, Meguroku, Tokyo 152-8552, Japan | Corrugated Crystal Growth for Poly(ethylene succinate) |
| A-24 | Ryuichiro Kawano, Susumu Umemoto and Norimasa Okui | Department of Organic and Polymeric Materials, Polymer Center, Tokyo Institute of Technology, Ookayama, Meguro-ku, Tokyo 152-8552, Japan | Effect of Cooling Rate on Nucleation Rate for Poly(ethylene succinate) |
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