Record Nr. UNINA9910830228503321 71st Conference on Glass Problems [[electronic resource]]: a collection **Titolo** of papers presented at the 71st Conference on Glass Problems: the Ohio State University, Columbus, Ohio: October 19-20, 2010 / / edited by Charles H. Drummond, III Pubbl/distr/stampa Hoboken, N.J.,: Wiley-American Ceramic Society, 2011 **ISBN** 1-283-24002-5 9786613240026 1-118-10641-5 1-118-09534-0 1-118-10642-3 Descrizione fisica 1 online resource (278 p.) Collana Ceramic engineering and science proceedings, , 0196-6219;; v. 32, issue 1, 2011 Altri autori (Persone) DrummondCharles H., III. Disciplina 666 666.12 Soggetti Glass Glass manufacture Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto 71st Conference on Glass Problems; Contents; Foreword; Preface; Acknowledgments; GLASS MELTING; Recent Developments of Batch and Cullet Preheating in Europe-Practical Experiences and Implications; Oxy-Fuel Conversion Reduces Fuel Consumption in Fiberglass Melting; Solar Glass Melting; Integrated Air Quality Control System for Float Glass Furnace; GLASS SCIENCE, DEFECTS, AND SAFETY; Heavy Metal Issues-In and Out of Glass; A Look at the Chemical Strengthening Process: Alkali Aluminosilicate Glasses vs. Soda-Lime Glass; Studying Bubble Glass Defects That are Caused by Refractory Materials Analysis of Cord and Stones in Glass""Cat Scratch"" Cord Dispersal; Tools Used to Improve Operational Safety in Johns Manville Glass Plants; REFRACTORIES AND RECYCLING; Extra Clear Glass Refractory Selection: A Follow Up; Refractory Issues and Glass Processing and Preventative Solutions; Fuel Savings with High Emissivity Coatings;

Regenerator Temperature Modeling for Proper Refractory Selection; Thinking Green: Recycling in the Refractory Industry; Recycling of Post-Consumer Glass: Energy Savings, CO2 Emission Reduction, Effects on Glass Quality and Glass Melting

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Sommario/riassunto

This issue contains a collection of papers presented at the 71st Conference on Glass Problems, October 19-20, 2010 at The Ohio State University, Columbus, Ohio. Topics include glass melting; glass science, defects; safety; refractories; recycling; controls; and raw materials.