Record Nr. UNINA9910777427103321 High-purity chromium metal [[electronic resource]]: supply issues for **Titolo** gas-turbine superalloys / / Committee on High-Purity Electrolytic Chromium Metal, National Materials Advisory Board, Commission on Engineering and Technical Systems, National Research Council Pubbl/distr/stampa Washington, D.C., : National Academy Press, 1995 Descrizione fisica 1 online resource (74 p.) 661 Disciplina Soggetti Gas-turbines - Materials Chromium Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "NMAB-480." Note generali Nota di bibliografia Includes bibliographical references. ""High-Purity Chromium Metal: Supply Issues for Gas-Turbine Nota di contenuto Superalloys""; ""Copyright""; ""Acknowledgments""; ""Abstract""; ""Preface""; ""Contents""; ""Executive Summary""; ""USE OF HIGH-PURITY CHROMIUM METAL IN SUPERALLOYS""; ""HIGH-PURITY CHROMIUM-METAL PRODUCTION""; ""DEMAND FOR HIGH-PURITY CHROMIUM METAL""; ""GENERAL CONCLUSIONS AND RECOMMENDATIONS""; ""REPORT ORGANIZATION""; ""1 The Marketplace for Chromium Metal ""; ""NATURE OF THE MARKET""; ""Heterogeneous Nature of the Market""; ""Producers""; ""Consumers""; ""International Trade""; ""RECENT AND PENDING SUPPLY TRENDS"": ""Closures"" ""Russia and China""""RECENT AND PENDING DEMAND TRENDS""; ""Military Spending""; ""The Commercial Airline Industry""; ""Government Stockpiles""; ""PROSPECTS FOR SHORTAGES""; ""Nature of Shortages""; ""Surge in World Demand""; ""Contraction in Production and Capacity""; ""Interruptions in Trade""; ""2 Specifications for High-Purity Chromium Metal "": ""AIRCRAFT ENGINE OPERATION"": ""AIRCRAFT ENGINE MATERIALS"": ""NEED FOR PURITY"": ""FUTURE DEMAND FOR HIGH-PURITY CHROMIUM METAL""; ""3 Electrolytic Chromium-Metal Production ""; ""TRIVALENT CHROME-ALUM BATH ELECTROLYTE

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[&]quot;"Appendix: Biographical Sketches of Committee Members""