



GLOBAL POLYOLEFIN CATALYSTS

MARKETS, TECHNOLOGIES AND TRENDS



CHEMICAL
MARKET
RESOURCES
An ADI Business

+1.832.768.8806
info@adi-cmr.com
www.adi-cmr.com

TABLE OF CONTENTS

1. INTRODUCTION AND ASSUMPTIONS

1.1. INTRODUCTION

1.2. OBJECTIVES

1.3. CMR METHODOLOGY

1.4. ABBREVIATIONS USED IN THIS STUDY

1.5. REGIONS ADDRESSED IN THIS STUDY

1.6. SUPPLY AND DEMAND PROJECTIONS

1.7. A MESSAGE FROM THE AUTHORS

2. EXECUTIVE SUMMARY

2.1. INTRODUCTION

2.2. MARKET ANALYSIS

2.3. STRATEGIC ANALYSIS

2.5. CONCLUSIONS

3. POLYOLEFIN CATALYST MARKETS

3.1. INDUSTRY STRUCTURE

3.2. MARKETS

3.3. DEMAND, DEMAND DRIVERS

3.4 MAJOR PRODUCERS

3.5 OPPORTUNITIES AND CHALLENGES

4. CATALYST TECHNOLOGIES

4.1. HISTORY, DEVELOPMENT, AND TRENDS

4.2. CATALYST-PRODUCT RELATIONSHIP

4.3 CATALYST COMPONENTS (Co-catalysts, supports, donors)

TABLE OF CONTENTS

5. FOR EACH CATALYST TYPE: CHROMIUM, ZN FOR PE, ZN FOR PP
 - 5.1 HISTORY AND DEVELOPMENT
 - 5.2 INDUSTRY STRUCTURE
 - 5.3 GLOBAL CAPACITY AND DEMAND for the catalyst and for the resins made with the catalyst by region, process, and end-use
 - 5.4 MAJOR SUPPLIERS AND PRODUCT PORTFOLIO
 - 5.5 COMPETITIVE ASSESSMENT
 - 5.6 OVERVIEW OF PRICING

6. METALLOCENE CATALYSTS
 - 6.1. INTRODUCTION
 - 6.2. INDUSTRY STRUCTURE
 - 6.3. KEY ATTRIBUTES of metallocene-catalyzed resins
 - 6.4 GLOBAL DEMAND
 - 6.5 REGIONAL DEMAND
 - 6.6 CATALYST PLATFORMS
 - 6.7 SUPPLIERS OF COMPONENTS
 - 6.8 METALLOCENE RESIN PRODUCERS

7. STRATEGIC ANALYSIS
 - 7.1 SUMMARY
 - 7.2 STRATEGIC ASSESSMENT OF SUPPLIERS
 - 7.3 KEY PATENTS



CHEMICAL
MARKET
RESOURCES
An ADI Business

440 Cobia Drive
Suite 1704
Houston, Texas 77494

+1.832.768.8806
info@adi-cmr.com
www.adi-cmr.com