

**CHEMSYSTEMS**  **ONLINE®**

***Report***

***Petrochemical  
Market Dynamics  
Polyester & Intermediates***

*June 2007*



Griffin House, 1st Floor South, 161 Hammersmith Road, London W6 8BS, UK  
Tel: +44 20 7950 1600 Fax: +44 20 7950 1550

"This report was prepared by Nexant, Inc ("Nexant") and is part of the ChemSystems Online® suite. Except where specifically stated otherwise in this Report, the information contained herein is prepared on the basis of information that is publicly available, and contains no confidential third party technical information to the best knowledge of Nexant. Aforesaid information has not been independently verified or otherwise examined to determine its accuracy, completeness or financial feasibility."

Neither NEXANT, Subscriber nor any person acting on behalf of either assumes any liabilities with respect to the use of or for damages resulting from the use of any information contained in this Report. Nexant does not represent or warrant that any assumed conditions will come to pass.

The report is submitted on the understanding that the Subscriber will maintain the contents confidential except for the Subscriber's internal use. The Report should not be reproduced, distributed or used without first obtaining prior written consent by Nexant. Each Subscriber agrees to use reasonable effort to protect the confidential nature of the Report."

## Contents

---

Section		Page
<b>1</b>	<b>The Polyester Industry .....</b>	1-1
1.1	POLYETHYLENE TEREPHTHALATE (PET) CHAIN GLOBAL OVERVIEW .	1-1
1.2	TECHNOLOGY .....	1-5
1.3	MARKET COVERAGE .....	1-12
<b>2</b>	<b>Methodology .....</b>	2-1
2.1	MARKET DYNAMICS FORECASTING METHODOLOGY .....	2-1
<b>3</b>	<b>Global .....</b>	3-1
3.1	PURIFIED TEREPHTHALIC ACID (PTA) .....	3-1
3.2	DIMETHYL TEREPHALATE (DMT) .....	3-7
3.3	ETHYLENE OXIDE (EO) .....	3-10
3.4	MONOETHYLENE GLYCOL (MEG) .....	3-13
3.5	PET MELT PHASE .....	3-18
3.6	PET BOTTLE GRADE.....	3-23
<b>4</b>	<b>North America .....</b>	4-1
4.1	PURIFIED TEREPHTHALIC ACID (PTA) .....	4-1
4.2	DIMETHYL TEREPHALATE (DMT) .....	4-9
4.3	ETHYLENE OXIDE (EO) .....	4-16
4.4	MONOETHYLENE GLYCOL (MEG) .....	4-25
4.5	PET MELT PHASE .....	4-32
4.6	PET BOTTLE GRADE.....	4-41
<b>5</b>	<b>South America .....</b>	5-1
5.1	PURIFIED TEREPHTHALIC ACID (PTA) .....	5-1
5.2	DIMETHYL TEREPHALATE (DMT) .....	5-5
5.3	ETHYLENE OXIDE (EO) .....	5-9
5.4	MONOETHYLENE GLYCOL (MEG) .....	5-13
5.5	PET MELT PHASE .....	5-16
5.6	PET BOTTLE GRADE.....	5-21
<b>6</b>	<b>Western Europe .....</b>	6-1
6.1	PURIFIED TEREPHTHALIC ACID (PTA) .....	6-1
6.2	DIMETHYL TEREPHALATE (DMT) .....	6-5
6.3	ETHYLENE OXIDE (EO) .....	6-9
6.4	MONOETHYLENE GLYCOL (MEG) .....	6-14
6.5	PET MELT PHASE .....	6-17
6.6	PET BOTTLE GRADE.....	6-24

---

<b>7</b>	<b>Eastern and Central Europe .....</b>	<b>7-1</b>
7.1	PURIFIED TEREPHTHALIC ACID (PTA) .....	7-1
7.2	DIMETHYL TEREPHALATE (DMT) .....	7-6
7.3	ETHYLENE OXIDE (EO) .....	7-11
7.4	MONOETHYLENE GLYCOL (MEG) .....	7-17
7.5	PET MELT PHASE .....	7-22
7.6	PET BOTTLE GRADE.....	7-28
<b>8</b>	<b>Middle East and Africa.....</b>	<b>8-1</b>
8.1	PURIFIED TEREPHTHALIC ACID (PTA) .....	8-1
8.2	DIMETHYL TEREPHALATE (DMT) .....	8-8
8.3	ETHYLENE OXIDE (EO) .....	8-13
8.4	MONOETHYLENE GLYCOL (MEG).....	8-19
8.5	PET MELT PHASE .....	8-26
8.6	PET BOTTLE GRADE.....	8-34
<b>9</b>	<b>Asia Pacific.....</b>	<b>9-1</b>
9.1	PURIFIED TEREPHTHALIC ACID (PTA) .....	9-1
9.2	DIMETHYL TEREPHALATE (DMT) .....	9-11
9.3	ETHYLENE OXIDE (EO) .....	9-16
9.4	MONOETHYLENE GLYCOL (MEG) .....	9-24
9.5	PET MELT PHASE .....	9-30
9.6	PET BOTTLE GRADE.....	9-45