

CHEMSYSTEMS  ONLINE®

Report

Quarterly Business Analysis

Asia Pacific
Supplement 2008

Issued: May 2008



20th Floor, Zone B, SCB Park Plaza West Tower 2, 18 Ratchadapisek Road, Kwaeng Chatuchak,
Khet Chatuchak, Bangkok 10900, Thailand
Tel: +662 937 5150 Fax: +662 937 5145

“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
1 Introduction	1
1.1 SUMMARY	1
2 Methodology	2
2.1 LEADER LAGGARD PLANT CONCEPT	2
2.2 COST OF PRODUCTION DEFINITION AND BASIS	4
2.3 INVESTMENT COSTS	9
2.4 PRICING BASIS	12
2.5 PROFITABILITY ANALYSIS AND BASIS	16
3 Olefins	18
3.1 ETHYLENE/PROPYLENE	18
4 Polyolefins	26
4.1 LOW DENSITY POLYETHYLENE (LDPE)	26
4.2 LINEAR LOW DENSITY POLYETHYLENE (LLDPE)	31
4.3 HIGH DENSITY POLYETHYLENE (HDPE)	36
4.4 POLYPROPYLENE (PP)	41
5 Vinyls	46
5.1 VINYL CHLORIDE MONOMER (VCM)	46
5.2 POLYVINYL CHLORIDE (PVC)	51
6 Aromatics	56
6.1 BENZENE AND XYLENE	56
7 Styrenics	63
7.1 STYRENE	63
7.2 POLYSTYRENE	68
8 Polyester and Intermediates	73
8.1 MONO ETHYLENE GLYCOL (MEG)	73
8.2 PARA-XYLENE	78
9 Propylene Derivatives	84
9.1 ACRYLONTRILE	84