Nonwoven Fabric Primer
and
Reference Sampler

TABLE OF CONTENTS

Foreword i

What is a Nonwoven? 1

Historical Background 1

How Nonwoven Fabrics are Made 4

Textile-Based Processes 4

Paper-Based Processes 5

Extrusion-Based Processes 6

Finishing 7

Nonwoven Converting and Product Fabrication Processes 7

Manufacturing Systems Summary 8

Nonwoven Hybrids 8

Table 1: Basic Nonwoven Fabric Manufacturing Systems 11

Basic Relationships 13

Nonwoven Fabric Samples    Fabric Samples    Page Number
Section Titles/Basis Weights per Section per Section

Textile Fiber Based Nonwovens 12 Textile Fiber Based 1-6

Short Fiber Based Nonwovens 23 Polymer to Fabric 1-12
Polymer to Fabric Nonwovens 10 Short Fiber Based 1-5

Nonwoven Hybrids 10 Nonwoven Hybrid 1-5