# DIN EN 1555-1:2010-12 (E)

## Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 1: General

## Contents

Page


Foreword ..... 3

Introduction ..... 4

1 Scope ..... 5

2 Normative references ..... 5

3 Terms and definitions, symbols and abbreviations ..... 6
3.1 Terms and definitions ..... 6
3.1.1 Geometrical definitions ..... 7
3.1.2 Material definitions ..... 8
3.1.3 Definitions related to material characteristics ..... 9
3.1.4 Definitions related to service conditions ..... 10
3.1.5 Definitions related to joints ..... 10
3.2 Symbols ..... 10
3.3 Abbreviations ..... 11

4 Material ..... 11
4.1 Material of the components ..... 11
4.2 Compound ..... 11
4.2.1 Additives ..... 11
4.2.2 Colour ..... 11
4.2.3 Characteristics ..... 12
4.3 Fusion compatibility ..... 14
4.4 Classification and designation ..... 14
4.5 Design coefficient and design stress ..... 15

Bibliography ..... 16