

DIN EN 1555-4:2011-07 (E)

Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 4: Valves

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions, symbols and abbreviations	6
4	Material	8
4.1	PE compound	8
4.2	Material for non-polyethylene parts	8
5	General characteristics	9
5.1	Appearance of the valve	9
5.2	Colour	9
5.3	Design	9
6	Geometrical characteristics	10
6.1	General	10
6.2	Measurement of dimensions	10
6.3	Dimensions of spigot ends for valves	10
6.4	Dimensions of valves with electrofusion sockets	10
6.5	Dimensions of the operating device	10
7	Mechanical characteristics of assembled valves	11
7.1	General	11
7.2	Requirements	11
8	Physical characteristics	15
8.1	Conditioning	15
8.2	Requirements	15
9	Performance requirements	16
10	Marking	16
10.1	General	16
10.2	Minimum required marking	16
10.3	Additional marking	17
11	Delivery conditions	17
Annex A (normative) Determination of the leaktightness of seat and packing		18
A.1	General	18
A.2	Test method	18