

ISO 19220:2021 (E)

Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings — Styrene copolymer blends (SAN + PVC)

Contents

	Foreword
1	Scope
2	Normative references
3	Terms, definitions, symbols and abbreviated terms
3.1	Symbols
3.2	Abbreviated terms
4	Material
4.1	SAN + PVC compound
4.2	Reprocessable and recyclable material
4.3	Sealing ring retaining means
4.4	Fire behaviour
5	General characteristics
5.1	Appearance
5.2	Colour
6	Geometrical characteristics
6.1	General
6.2	Dimensions of pipes
6.2.1	Outside diameters
6.2.2	Effective length of pipes
6.2.3	Chamfering
6.2.4	Wall thickness
6.3	Dimensions of fittings
6.3.1	Outside diameters
6.3.2	z-lengths
6.3.3	Wall thickness
6.4	Dimensions of sockets and pipe ends
6.4.1	Classification and designation of sockets
6.4.1.1	General
6.4.1.2	Ring seal sockets
6.4.1.3	Solvent cement sockets
6.4.1.4	Dual-purpose sockets
6.4.2	Dimensions of ring seal sockets and spigot ends
6.4.2.1	Diameters and lengths
6.4.2.2	Wall thicknesses of ring seal sockets
6.4.3	Dimensions of solvent cement sockets and spigot ends
6.4.3.1	Diameters and lengths
6.4.3.2	Wall thicknesses of solvent cement sockets
6.5	Types of fitting
7	Mechanical characteristics of pipes
7.1	General characteristics
7.2	Additional characteristics
8	Physical characteristics
8.1	Physical characteristics of pipes
8.2	Physical characteristics of fittings

- 9** **Performance requirements**
- 10** **Sealing rings**
- 11** **Adhesives**
- 12** **Marking**
 - 12.1** **General**
 - 12.2** **Minimum required marking of pipes**
 - 12.3** **Minimum required marking of fittings**
- 13** **Installation of piping systems**

- Annex A** **(informative) Additional characteristics of (SAN + PVC) pipes and fittings**
 - A.1** **General**
 - A.2** **Material characteristics**
 - A.3** **Chemical resistance**

Page count: 30