

(PREVIEW)

## *Indian Standard*

# INJECTION MOULDED/MACHINED HIGH DENSITY POLYETHYLENE (HDPE) FITTINGS FOR POTABLE WATER SUPPLIES — SPECIFICATION

## PART 1 GENERAL REQUIREMENTS FOR FITTINGS

### 1 SCOPE

**1.1** This standard (Part 1) covers general requirements for materials, manufacture, methods of test and inspection and marking of all types of injection moulded and machined HDPE fittings intended for connection to HDPE pipes covered by IS 4984 for potable water supplies.

**1.2** For technical reasons the fittings may be welded to pipes of same pressure rating. Deviations from this requirement is allowed if the wall thicknesses are equal in the welding zone.

### 2 REFERENCES

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below :

<i>IS No.</i>	<i>Title</i>
2530 : 1963	Methods of test for polyethylene materials for moulding materials and polyethylene compounds
4984 : 1995	High density polyethylene pipes for water supply ( <i>fourth revision</i> )
7328 : 1992	High density polyethylene materials for moulding and extrusion ( <i>first revision</i> )
10141 : 1982	Positive list of constituents of polyethylene in contact with foodstuffs, pharmaceuticals and drinking water