v. Tensile strength (BS 903 A2)

vi. Density (BS 903 A1)

vii. Elongation at break (BS 903 A2)

viii. Compression set (BS 903 A6)

ix. Melt index (DIN EN ISO 1133-2)

x. Melt flow rate (MFR) (ISO 1133).

xi. Molecular weight distribution.

xii. Yield stress at (DIN EN ISO 527-3)

xiii. Elongation at yield

xiv. Vicat softening point (DIN EN ISO 306, ASTM D1525)

xv. Environmental stress cracking resistance (ASTM D 1693)

xvi. Bell telephone test results.

xvii. Cell classification and category ASTM D 3350

xviii. Crystalline melting range (polarization microscope)

xix. Chemical resistance (DIN 8075)

xx. Provide test results for resistance to stress cracking creep rapid crack propagation, UV radiation.

xxi. Reworked materials shall not be used for pipe or fittings manufacture.

2. Should any details of the pipes and fittings be altered in any way during manufacture from those proposed and approved by the Engineer, the Contractor shall submit for the Engineer's approval the revised details and test results.

3. The Contractor shall submit to the Engineer the results of all quality control tests carried out on the manufactured pipes and fittings as soon as practicable after testing as and in any case not later than the time of delivery of the relevant pipes and fittings to the site.

4. The Contractor shall submit pipe manufacturer’s guarantee that the pipe and its materials are suitable for its intended use.

5. Joint materials and gaskets.