**PVC** PIPE SYSTEM FOR INFRASTRUCTURAL SEWERAGE **QUANTUM** TYPE OR EQUIVALENT

1. Application: according the applying “Sewage systems design standards”: thermoplastic sewage system for gravity water drainage of house, production or rain sewage;
2. Raw material used to manufacture the product: virgin material, primary certified by independent institution;
3. Production technology: multilayer extrusion method;
4. Type of connection: socket and sealing ring according EN 1401-1 dr. 2;
5. Socket, guarantee water tightness and strength of the connection, made from the same material as the pipe, an integral part of each pipe;
6. Pipe material: PVC (polyvinylchloride);
7. Effective pipe length without socket: 6 m;
8. Product Description: three-layer smooth solid wall pipe (no foam), light gray inside layer (enhances the TV inspection), highly abrasion resistant;
9. Nominal ring stiffness (SN): ≥ 16kN/m2;
10. Nominal diameter DN: DN150 - DN400;
11. Readable and resistible marking outside and inside the pipe (necessary for identification of the pipes by TV inspection);
12. System: complete certified system – pipes and fittings minimum SN12, with materials identical to those of the pipe;
13. Compatibility with sewerage system elements ( manholes and inspection chambers, waste water treatment installations, drainage boxes);
14. Compatibility with smooth-wall pipes-DN/ OD with guarantee water tightness of the connection;
15. Pipe installation possibility by -10 °C tested according EN 1401-1 par. 7.1.2., marking with the ice crystal;
16. Water tightness of the connections: proven by a test protocol - Zlín č.j. 41223923;
17. Water tightness of the connections up to 2,5bar tested according ATV A 142;
18. High pressure jetting tested according CEN/TR 14920;
19. Specification: STO-AO 224-136/2009
20. Tested according EN 1401-1

Technical specification:



\* DN150 and DN200 – the inside layer is red-brown color;