

Madrid, 23th June 2016

Molecor[®] widens the range of its pipes and launches into the market the new Oriented PVC Pipe DN 125mm

Further expansion of range: TOM[®] Pipe DN125 mm PN16 bar

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Molecor[®], a Spanish company specialized in the manufacturing and technology of Oriented PVC (PVC-O) Pipes for high-pressure water conveyance, has widened its range of products with the manufacturing and market launch of the Oriented PVC (PVC-O) Pipe DN 125 mm. The aim is to find the best technical/economical alternative for the design of hydraulic networks, and the development of new markets. Thus, the company increases the possibilities of networks design with diameters that guarantee effectivity in pressure and the required flow, with its consequent cost savings thanks to its revolutionary manufacturing system, which results from innovation and technological advance.

The company already achieved an important milestone becoming the worldwide pioneer in the manufacturing of Oriented PVC Pipes of DN 500, 630 and 800 mm. Since its foundation and in order to be a world reference in technology for piping network, Molecor[®] has a clear commitment to innovation, research and development to provide innovative solutions and to meet the challenges that the water supply market presents nowadays.

The molecular orientation process provides the TOM[®] Pipe with exceptional mechanical and hydraulic characteristics compared to other materials pipelines existing in the market. We can highlight among them: its higher hydraulic capacity, enabling the conveyance of bigger volumes of water for the same diameter; its lightness, that makes unnecessary the use of machinery for installing PVC-O pipes up to DN250 mm, being easily manipulated; its better behaviour in water hammer due to its lower celerity and its excellent impact resistance.

Applied to pressure pipelines it is attained a pipe of a great resistance, both mechanical and chemical, therefore with a very higher useful life.

The fully watertight of the pipe system prevents from leakages and therefore from head losses, what results in a decrease of the volume of supplied water. These characteristics provide solutions oriented to optimize the available hydraulic resources and to reduce the energy costs and hydraulic infrastructures.

TOM[®] PVC-O Pipes' goal is to manage intelligently the hydrological resources using new technologies in the design of high-pressure water pipelines.

Molecular orientation provides PVC-O Pipes with significant advantages in the quality of the product, its installation and use. TOM[®] pipes even offer a better environmental behaviour, presenting an inferior environmental footprint compared to other materials, thus contributing to a sustainable development of the planet and optimizing the natural resources consumption.