PRESS RELEASE

September, 20th 2017

Molecor widens the range of its pipes and launches into the market the new DN710 mm Oriented PVC Pipe

Molecor, company specialized in the development of Molecular Orientation Technology applied to the manufacture of **TOM® PVC-O pipes (Oriented PVC)** for the conveyance of water under pressure, implements in its range the

DN710 mm TOM® Pipe
PN12.5, PN16, PN20 & PN25 bar

TOM® Pipes goal is to intelligently manage the water resources using new technologies for the design of high-pressure water pipelines.

The company increases in this way the possibilities of networks design with diameters that guarantee the effectiveness in the required pressure and flow; which implies important cost savings thanks to a revolutionary manufacturing technology that provides efficient and environmentally friendly systems to manufacture Oriented PVC pipes.

Molecor develops highly efficient solutions for the conveyance of water under pressure, in order to provide the best technical and economical alternative for networks design.

The molecular orientation process provides the TOM® Pipe with exceptional mechanical and hydraulic characteristics compared to pipelines manufactured with other materials existing in the market. Among these characteristics we can highlight: its **higher hydraulic capacity**, enabling the conveyance of higher volumes of water for the same diameter; its **lightness**, which makes it unnecessary the use of machinery up to big diameters, being easier the manipulation and installation of pipes up to DN250 mm; its **better response to water hammer** due to its lower celerity and its excellent **impact resistance.** The water

MOLECOR
For more information:
canalizaciones@molecor.com
T: + 34 911 337 088

tightness, another characteristic of these pipes, avoids leaks and, therefore, water losses, which would reduce the volume of water supplied.

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

This series of features provide solutions oriented to optimize the available water resources and to reduce energy costs in water infrastructures.

The pipe is manufactured in a wide range of nominal pressures (12.5, 16, 20 and 25 bar) and diameters: from DN90 to DN800 mm.

The company already achieved an important milestone becoming the worldwide pioneer in the manufacturing of DN 500, 630 and 800 mm Oriented PVC Pipes. Since its foundation and in order to be a world reference in the development of technology for the manufacture of pipes, Molecor bets clearly for innovation, research and development to provide the water supply market with innovative solutions and to meet the challenges that the market presents today.

MOLECOR
For more information:
canalizaciones@molecor.com
T: + 34 911 337 088

TOM® Oriented PVC (PVC-O) pipe is an excellent alternative for water distribution networks due to its operating efficiency and low maintenance costs. Moreover, excellent physical, mechanical and chemical properties ensure supply reliability and environmental protection. TOM® pipes even offer a better environmental behaviour, presenting a lower environmental footprint compared to pipes made of other materials, thus contributing to a sustainable development of the planet and optimizing the consumption of natural resources.

Molecor® is a leader company specialized in the development of the latest technology applying molecular orientation to pipeline solutions with astonishing mechanical properties. Founded in 2006 by highly skilled engineers in this field, with a proven experience in the plastic pipe division, this revolutionary developed process provides reliable and user friendly systems that widen the pipe global business possibilities.

MOLECOR
For more information:
canalizaciones@molecor.com
T: + 34 911 337 088