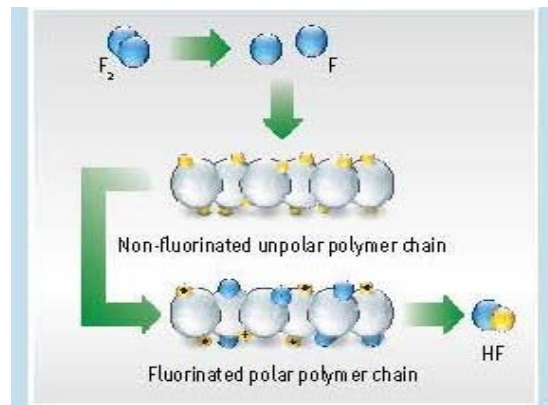


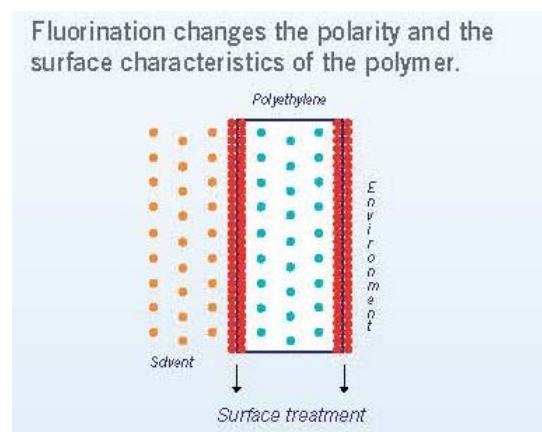
Fluorination of HDPE Pipes

PESTEC Fluorination improves the permeation characteristics of the HDPE pipes and so expand the range of applications in the industry by increased long term stability with no dimensional changes.

PESTEC Fluorinationat HDPE Pipes are treated on patented processes and knowhow.



The polymer fluorination treatment with fluorine gas mixture changes the surface properties of the polymer in a chemical reaction by partially substituting hydrogen atoms with fluorine atoms resulting in a fluorocarbon barrier layer, which prevent solvent permeation and fragrance loss.



Fluorinated containers have become widely accepted for the packaging of agricultural chemicals, petrochemicals, automotive fuel tanks, paint products, veterinary medicines, food products, household and industrial cleaners and medicinal products since decades.

Improving in fluorination chamber sizes, PESTEC can also offer Fluorinated HDPE Pipes In max length of 8,0 m for many additional applications, mainly for pipelines in the petrochemical industry.

The Fluorination is compliant to various permeability requirements such as USA DOT, ECE, ERA, CARB and is approved by FDA of the USA.

Quality control procedures according to ISO 9001:2008 standards are implemented and followed.