

ONLINE TRAINING OF:

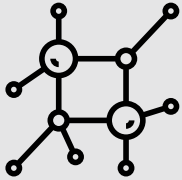
"BASICS PIPES EXTRUSION"



Classes scheduled using Microsoft Teams



Flexible agenda, from monday to saturday.



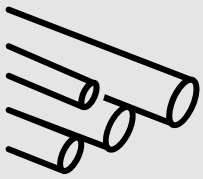
1 INTRODUCTION TO POLYMERS

- Introduction to concepts of Polymer
- Thermal and rheological characterization and it's relation to polymers extrusion.
- Main Polymer Classification in the market today.



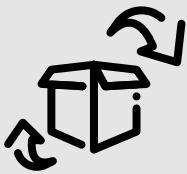
2 EXTRUDERS

- Nomenclature
- Single screw technology
- Breaker Plate and Adaptor
- Cast Film Extrusion Heads
- Blow Film Extrusion Heads



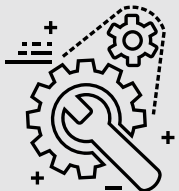
3 PIPE PROCESS

- Line composition
- Toolings : Semi pressure and tubing
- Thermoplastic process
- Thermosets process
- Automation control



5 COEXTRUSION PROCESS

- Process parameters.
- How to calculate toolings
- Flow instabilities



6 TROUBLESHOOTING

- Problems coming from the extruders: overheating and cooling; output fluctuation and its impact on the wall thickness control; Productivity drop.
- Problems coming from the Head: Melt Fracture; Wall thickness fluctuation; welding lines or stripes; Low mechanical properties; Low optical properties.



To register, please send us an email:
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