C-PVC Pipe Extrusion Line

Applications

Grace makes continuous innovation to ensure higher quality machine. According to analyzing nature of C-PVC material which from many famous material suppliers (LUBRIZOL, INTERPLAST, SEIKISUI, ARKEMA, KANEKA), Grace has developed full sets of extrusion lines of C-PVC and achieves several patents. Grace is capable of producing pipe diameter up to 315mm.

- Die Head
  - For develops PVC single layer and multilayer pipe heads, reasonable compression ratio design guarantees good plasticiing effect.

- High Mechanical Intensity
  - For the different pipe size and different speed requirement, Grace developed kinds of haul-off unit accordingly. The haul-off unit equipped with single motor drive or every caterpillar with separate motor drive, there is the belt type haul-off unit, stable hauling. For the large diameter pipe, a pipe winch device is equipped to the production line to reduced the waste material.

- Screw core temp control system
- Mirror treatment
- Parallel Extruder, Conical Twin Screw Extruder

Pressure level comparison

- Cozaar® C-PVC
- PP
- PVC
- ABS

Operating temperature (°C) vs. Pressure (MPa)