

30,000 TPY ABS PLANT FOR SALE

Capacity: 30,000 TPY

Plant Age: 30 +

Feedstock: styrene, acrylonitrile
butadiene

Major Equipment:

- Butadiene polymerization reactors
- ABS polymerization reactors
- Butadiene recovery system
- Coagulation and fluid bed dryers
- Extruders



BRIEF PROCESS DESCRIPTION

Butadiene is charged into the reactor together with auxiliary chemicals. The polymerization is initiated by adding a catalyst, and carried out in the reactor. At the desired conversion the polymerization is terminated, and the polybutadiene latex (PBL) is discharged to the blow-down tank. PBL containing unreacted butadiene is fed to the degassing column, where most of unreacted butadiene is removed by vacuum flashing. PBL from the bottom of the degassing column is transferred to the graft polymerization section. The PBL, SBL, styrene and acrylonitrile are charged batchwise into the reactor. The graft polymerization is initiated by addition of catalysts, and finished in comparatively short time. The ABS latex thus obtained is discharged to the blend tank, where an antioxidant is added.

CONTACT US FOR MORE DETAILS

**Phoenix Equipment
Corporation**
www.phxequip.com
+1 732 442 6990

Jesse Spector
plants@phxequip.com

Edward Zhang
Plant Sales Director
plants@phxequip.com