

Public Tender No. : PUR / 2 / 35 / 9412 / 571
Item : Synthetic Polyacrylamide Flocculant

M A T E R I A L D E T A I L S

SYNTHETIC FLOCCULENT FOR FILTRATION OF LEACHED URANIUM SLURRY

The required synthetic polyacrylamide powdered flocculent is to be added to acidic (pH 1.5 – 2.0) silicious uranium ore slurry containing 60% solid w/w (65% solid particles passing through 200 # and 1% retained on 48# and rest in between) in conjunction with Guar Gum Powder as 0.05% solution to flocculate the feed leached slurry in the flocculator for its filtration in the rotary vacuum drum filter operating under a vacuum of 450-550mm of Hg.

Other details are :

1. Specific gravity of solid : 2.8
2. Specific gravity of liquor : 1.05
3. Temperature of slurry : 40 – 55° C
4. Acid used to maintained pH : Sulphuric Acid

PACKING – In 20-25 Kgs. properly packed packets only.