

URANIUM CORPORATION OF INDIA LTD.

(A Government of India Enterprises)

Tummalapalle Uranium Project

(P.O.) M. C. Palle, Vemula (M), YSR District, Andhra Pradesh – 516 349

Annexure-1

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Public Tender No. : TMPL /PUR / 035 / 606 / 011

Item : ANIONIC FLOCCULANT

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

Material: The required anionic polyacrylic flocculant (free flowing powder) is to be added to alkaline (pH 9-12.5) dolomitic uranium ore slurry containing 50% solid w/w (80% solid particles passing through 200#) as 0.05% solution to flocculate the feed leached slurry in the flocculator for its filtration in the Horizontal Belt filter operating under a vaccum of 600 mm of Hg. The pH of 1% solution at 25 degree C should be more than 9.

Other details are:

- | | |
|---------------------------------|---|
| 1. Specific Gravity of Solids | 2.8 |
| 2. Specific Gravity of Liquor | 1.16 |
| 3. Temperature of Slurry | 60 degree C |
| 4. Reagents used to maintain pH | Na ₂ CO ₃ , NaHCO ₃ & NaOH |

Quantity: 40 M.T

Packing : Material should be supplied in 20-25 kg properly packed packets only.
