

URANIUM CORPORATION OF INDIA LIMITED
JADUGUDA MINES

Annexure-1
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Public Tender No. : PUR / 2 / 35 / 8177 / 582
Item : Flocculating Agent

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

Dry powdered Flocculating Agent (Vegetable Product-Guar Gum Based) for the following duty condition.

Duty Condition : To coagulate the acidic (1.5 pH) silicious ground uranium ore slurry (60% w/w) within 1 minute of addition of 0.05% (w/w) solution of this flocculent in water to increase its filtration rate. The slurry contains around 65% of solid particles passing through –200 Tyler mesh out of which 45% passes through 300 Tyler mesh.

Size Required : 100% passing through 200 mesh.
 80% passing through 325 mesh.

Packing : The product must be packed in 50 kg poly lined bags so that it must not absorb atmospheric moisture. Materials which are not packed in poly lined bags shall be rejected.
