

Public Tender No. : PUR / 2 / 35 / 1226 / 631
Item : Perlite Base Filter Aid

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

Material : Perlite Base Filter Aid (Precoat Material).

The perlite base filter aid powder (precoat material) is required for forming a precoat layer of about 2.1/8" on a rotary vacuum precoat filter provided with a woven polypropylene filter media, operating under a line vacuum of about 600 mm of Hg for the clarification of acidic uranium solution containing about 200-300 ppm of slimes at 1.5 – 2.0 pH to obtain a clarified solution containing 1.0 – 2.0 ppm of slimes. The material shall be suitable to give an average clarification rate of 22 cubic m/hr through a 8' x 8' size precoat filter operating with about 45-55% submergence of drum with initial precoat thickness of 2 1/8" and final precoat thickness of 1/4". The material shall be totally inert to acidic and alkaline liquor.

Temperature of liquor	-	50 – 55 °c
Specific gravity of liquor	-	approx. 1.05
Viscosity of liquor	-	like water

Packing : The material shall be packed in leak proof polythene / cloth lined HDPE woven bag to avoid any leakage of dust in handling. Type of packing offered should be clearly mentioned in the techno commercial offer.
