

**Specification Of Perlite Base Filter Aid**  
**(Precoat Material)**

The Perlite based 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 200-300 ppm of slimes at 10-11 pH to obtain a clarified solution containing 1.0-2.0 ppm of smiles. The material shall be suitable to give an average clarification rate of  $40M^3/hr$  through a 3.65M dia X 4.87M length size precoat filter operating with 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	$40^{\circ}C$
Specific gravity of liquor	1.08 to 1.12 approx
Viscosity of liquor	like water

**Packing:** the material shall be packed in leak proof polythene / cloth line HDPE woven bag to avoid any leakage of dust in handling.

New party should offer must contain about 1Kg of sample for laboratory evaluation of the product suitability. Regular party no needs to submit the sample along with offer.

Offer must also contain leaflet containing complete physical and chemical analysis of product, size analysis, flow characteristics and other related properties.

**Offer shall have clear mention about the type of packing offered.**

Offer without the offer said details will be rejected out rightly.

Parties offering material for the first time will be initially considered for trail order only if the offered product is found suitable in the laboratory test.

**Two part single stage tender**

