PUROLITE
ION EXCHANGE RESINS

Product Data Sheet

PUROLITE® TANEX

Strong Base Anion Macroporous

Purolite® TANEX is a proprietary blend of special and patented anion exchange resins used for tannins and organic matter in water used primarily for potable applications. **Purolite® TANEX** is useful in reducing more difficult-to-control organic matter and color that may exist as partially dissolved and partially colloidal in nature.

The organic fraction is typically bound up with colloidal particles of silica, iron or aluminum in a stable complex that is difficult to remove by standard ion exchange only. On exhaustion, regeneration with 10% brine solution at a dosage of approximately 128 g/l or 8 lbs/ft3 is usually sufficient to restore operating capacity. In smaller less demanding applications, it may be practical to simply top-dress an existing water softener as this eliminates extra equipment and allows use of the same brine solution to regenerate all resins. Top dressing of existing water should not be done if the water hardness is 10 gpg or more.

Basic Features:

Application	For tannins and other organic matter
Polymer Structure	Styrene and Acrylic Crosslinked with Divinylbenzene
Appearance	Spherical Beads
Functional Group	Quaternary Amines
Ionic form as shipped	Chloride

Typical Physical and Chemical Characteristics:

Moisture Retention	Cl^-	68 - 75 %
Mean Size Typical		0.60 - 0.85 mm
Uniformity Coefficient (max.)		1.70
Shipping Weight (approx.)		600 - 700 g/l
Temp Limit	Cl^-	60 °C
Temp Limit	Cl^-	140 °F

USA
Telephone: (1) 610-668-9090
Fax: (1) 610-668-8139
Email: info@puroliteusa.com

Europe
Telephone: +44 1443 229334
Fax: +44 1443 227073
Email: sales@purolite.com

Asia Pacific
Telephone: +86 571 876 31385
Fax: +86 571 876 31385
Email: pultalan@purolitechina.com