



CARBON CHEMISTRY®

Pure. Proven. Professional.

T-12™

POWDER MEDIA

Decoloring media with enhanced adsorption capacity for pigments and other impurities.



PRODUCT PERFORMANCE



Adsorption Selectivity

TARGETING OF SPECIFIC COMPOUNDS



Fluid Flow Rate

SPEED OF SOLUTION THROUGH MEDIA



Adsorption Rate

SPEED OF COMPOUND SEPARATION/REMOVAL



Binding Affinity

STRENGTH OF ADHESION TO COMPOUNDS

Composition

Derived from a naturally occurring resource, T-12™ is acid-activated, washed bentonite clay with a pH of 3 to 4, but no more than 0.3% free acid in water. Made of expanded 5–200µm calcium bentonite particles, its high adsorption capacity is the result of having the greatest possible surface area while maintaining the electrochemistry of the smectite.

Purpose

T-12™ works as a filter aid for solid particulates and is the best clay for removing pigments. It can be used alone, in mixtures, or in layers for clarifying extracts in polar alcohols or non-polar alkanes. T-12™ is selective, physically binding large molecules like color bodies, sugars, proteins, lipids, and waxes.

RELATED PRODUCTS

Silica 60A

POWDER MEDIA

Perfect for polar separation control.

Activated Alumina

GRANULAR MEDIA

Ideal for enhanced adsorption of polar compounds and lipid filtrations.

T-5®

POWDER MEDIA

Best base for depth filtration and heavy metal removal.

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