

NXT-2®

Technical Specifications

The NXT-2, adsorption media provides cost effective treatment for the removal of arsenic from drinking water to less than 10 ppb, to comply with the EPA's maximum contaminant limit of 10 ppb. NXT-2 is a free-flowing, lanthanum based mixed metal oxy-hydroxide media which was designed not only to provide maximum capacity through high surface area, but also improved stability against pH upset to prevent possible desorption of bound arsenic both during use and in landfill conditions. Compared to other available technologies, NXT-2 has been demonstrated to deliver the lowest overall treatment costs, coupled with ease of use and low maintenance requirements.

Product Type: Arsenic adsorption media

Product Description: Free flowing granular powder

Composition: Mixed metal oxy-hydroxide (La/Fe)

Color: Brown

Surface Area: 250 m²/gram

Particle Size: 20 x 65 mesh

Zeta Point: 12.0 pH

Bulk Density: 45 lb/ft³ (0.72 gram/cm³)

Moisture (as shipped): 25%

Surface Loading Rate: 7-9 gpm/ft²

Backwash Loading Rate: 8-10 gpm/ft²



Note all values expressed are typical.