Product Data Sheet

TRILITE® TR70

Inert Resin

Rev.1 July 2018

TRILITE® TR70 is an Inert resin based on PE(Polyethylene). It has a particle density lower than that of water. TRILITE® TR70 has outstanding mechanical and chemical stability, leading to low crush rate even after long-term use.

Physical and Chemical Properties			
Matrix	Polyethylene	Functional Group	-
Ionic Form	-	Total Capacity(eq/ℓ)	-
Moisture Retention(%)	-	Shipping Density(g/ℓ)	500
Particle Density	0.90	Uniformity Coefficient	-
Particle Size(mm)	1.2~1.8	Swelling(%)	-

Recommended Operating Conditions			
Operating Temp(℃)	90	pH Range	0~14
Bed Depth(mm)	150	Service Flow Rate(m/h)	-
Regeneration			
Regenerant	-	Concentration(%)	-
Level(g/ℓ)	-	Flow Rate(m/h)	-
Rinse Requirement(BV)	-		

Applications

TRILITE® TR70 stays at the top of Packed-bed system(Up-flow service), being used as an upper layer to prevent loss of active finer resin, disruption of ion adsorption band, and also to improve regenerant distribution.

Samyang's TRILITE Ion exchange resins are produced based on the ISO 9001, ISO 14001 certification.
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TRILITE
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Ion Exchange Resin

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