DAYLIFF

Water Treatment Media

Chemical	Description	Application	Regeneration	Characteristics
Sand Media 	Inert silica sand available in variable grain sizes.	Particle and sediment filtration in general swimming pool and water treatment application.	Backwash	Particle Size: Media A: (0.2 – 1.2mm) Media B: (2 - 4mm) Media C: (5 - 8mm) Service Velocity: 10-20m/hr (water treatment), 30-50m/hr (swimming pool) Density:1560gms/L Packaging: 50Kgs (1cu ft)
Glass Media	Environmentally friendly media made from recycled glass as a direct replacement to sand media. Removes up to 30% more sediments than sand saving on backwashing. Being less dense than sand, it requires 15% less material to fill an equivalent filter.	Particle and sediment filtration in water treatment and swimming pool applications	Backwash	Particles Size Grade 1: 0.7mm Grade 2: 3mm Grade 3: 6mm Service Velocity: 15-25m/hr (water treatment), 30-50m/hr (swimming pool) Packaging: 25kg
Jacobi Aquasorb CS Activated Carbon 	Medium activity granular activated carbon manufactured from coconut shell. Its enhanced microporosity makes it well suited for the removal of low molecular weight organic compounds and cholrinated by products. Other features include excellent adsorption capacity, high volume activity, rapid dechlorination and low filtered water turbidity.	Removal of oxidising agents such as chlorine and ozone from process water, odor reduction and conditioning	Backwash and steam / Chemical regeneration	Particle size: 6x12 mesh (3.35-1.70mm) Surface volume: 1050m^2/g Service velocity:3-9m/hr for organic removal, 1000mm depth, minimum bed depth 600mm Density: 540g/m^3 Packaging: 25Kgs
Softening Resin 	A strongly acidic polystyrene bead gel type resin containing suphonic acid.	Industrial & domestic water softening application with high hardness of calcium and magnesium salts.	Backwash and brine rinse.	Particle size: 0.66mm. Exchange capacity: 75gCaCO Density: 830gms/L. Packaging:25Liters
Amberlite IRA402 Cl 	Strongly basic anion exchange resin with cross linked polystyrene structure designed to give an optimum balance of capacity and regeneration efficiency in water treatment applications.	Removes both strong and weak acids including silica.	Reagent: NaOH Level: 60-150g/l. Concentration: 2-4% Min. Contact Time: 30 minutes	Physical form: Pale yellow translucent spherical beads. Functional group: Trimethyl ammonium Iconic form as shipped: Chloride Total exchange capacity:>1.20 eq/L (Cl^-form) Moisture Holding Capacity: 49 to 60% (Cl^- form) Particle Size: < 1.6 Maximum Operating Temperature: 60°C. Minimum Bed Depth: 700mm. Service Flow Rate: 8-40 BV*/h. Shipping Weight: 670g/L