

# ION EXCHANGE RESINS



## PRORESIN™ GUIDE

### ProSoft™ Family of Cation Softening Resins

Part Number †	Description	Crosslink Percent	Softening Capacity		Backwash gpm/sq.ft. 50% Expansion @ 60°F	Approx. Weight lb/cu.ft.
			10 lb/cu.ft.	15 lb/cu.ft.		
ER10001	Gold *	7	29,000	33,000	5.5	50
ER10002	Premium *	8	29,000	33,000	4.5	52
ER10003	Fine Mesh *	8	29,000	33,000	5.5	52
ER10006	Heavy Duty	10	30,900	35,400	7.0	54
ER10009	High Porosity *	12 +	24,600	28,000	6.2	50

\* Certified to NSF/ANSI Standard 61

† Part Numbers listed are for the sodium form of the resin. Hydrogen form is also available.

### ProSelect™ Family of Specialty Resins

Part Number	Description	Backwash gpm/sq.ft. 50% Expansion @ 60°F	Approx. Weight lb/cu.ft.
ER20001	Tannin and Organic Removal *	0.65	41
ER20002	Nitrate Selective *	1.8	42
ER20003	Silica Removal *	1.7	43
ER20004	General Purpose — High Capacity Anion used in D.I. *	2.7	44
ER20009	Organics and Strong Acid Ions Removal	0.85	40

\* Certified to NSF/ANSI Standard 61

### ProBlend™ Family of Mixed Bed Resins

Part Number	Description	Backwash gpm/sq.ft. 50% Expansion @ 60°F	Approx. Weight lb/cu.ft.
ER30001	Nuclear Grade High Efficiency — Bulk Demineralizing	3.3	44
ER30008	Nuclear Grade High Capacity	3.2	43
ER30004	Semiconductor High Capacity	3.2	43
ER30005	Low TOC Throw High Capacity	3.2	43
ER30009	Ultra Low TOC Throw High Capacity	3.2	43
ER30003	Nuclear Grade High Porosity	2.8	43
ER30002	Semiconductor High Porosity	2.8	43
ER30011	Low TOC Throw High Porosity	2.8	43
ER30012	Ultra Low TOC Throw High Porosity	2.8	43

### ProBond™ Family of Chelating Resins

Part Number	Description	Backwash gpm/sq.ft. 50% Expansion @ 60°F	Approx. Weight lb/cu.ft.
ER10112	Cation Iminodiacetate for Heavy Metal Ions	3.8	43

### ProBead™ Family of Inert Resins

Part Number	Description	Backwash gpm/sq.ft. 50% Expansion @ 60°F	Approx. Weight lb/cu.ft.
ER40001	Separation between Active Resin Layers in Mixed Bed Demineralizers	NA	45

These are SWT's most popular brand resins. We also have an extensive line of resins to fit any requirement, plus technical support. If you have a particular need or an application for which you cannot find information, give us a call and let us help.