

RESINTECH INC.

CATION EXCHANGE RESINS									
PRODUCT	TYPE	IONIC FORM	APPROX SHIP WT lbs/cu.ft.	SCREEN SIZE US mesh percent	WATER RETENTION percent	TOTAL CAPACITY meq/ml (kgr./cu.ft.)	MAX TEMP. Degrees F.	SWELLING percent	RECOMMENDED USES
CG8	Strong Acid Gel 8% DVB	Na	52	+16 <2 -50 <1	45- 49	1.95 (42.6)	280	Na to H 5- 9	Premium grade gel type strong acid cation resin suitable for softening, and demineralization, including mixed beds, dealcalization. Supplied in the hydrogen form as CG8-H. Available in black color for easy visual separation in mixed beds.
CG8- H	Strong Acid Gel 8% DVB	H	50	+16 <2 -50 <1	49- 54	1.85 (40.4)	265	—	
CG8- C	Strong Acid Gel 8% DVB	Na	52	+16 <2 -45 <1	45- 49	1.95 (42.6)	280	Na to H 5- 9	CG8 with coarse bead size, intended for high flow rate applications and chemical process.
CG8- F	Strong Acid Gel 8% DVB	Na	52	+16 <2 -50 <1	45- 49	1.95 (42.6)	280	Na to H 5- 9	CG8 with fine mesh size, intended for softening and iron removal.
CGS-BL	Strong Acid Gel (Black Color)	Na	51	+16 <2 -50 <1	49- 53	1.9 (41.5)	280	Na to H 5- 12	Strong acid cation resin for use in domestic softening.
CGS	Strong Acid Gel	Na	51	+16 <2 -50 <1	49- 53	1.9 (41.5)	280	Na to H 5- 12	Specially processed to be free of color, taste and odor.
CG10	Strong Acid Gel 10% DVB	Na	54	+16 <2 -50 <1	40- 45	2.2 (48.0)	280	Na to H 4- 8	Premium grade 10% DVB gel type strong acid cation resin. More resistant to oxidation than CG8. Excellent for high temperature applications, softening, deionization, and chemical processes.
CG10- H	Strong Acid Gel 10% DVB	H	52	+16 <2 -50 <1	46- 53	2.1 (45.9)	265	—	Particularly well suited for use in mixed beds. Also supplied in the hydrogen form as CG10-H. Available in black color for easy visual separation in mixed beds.
SACMP	Strong Acid Macroporousid	Na	50	+16 <2 -50 <1	47- 52	1.70 (37.2)	300	Ca or Na to H 4- 7	Macroporous structure and high DVB level gives this strong acid cation resin the best resistance to oxidative, thermal and osmotic stresses.
SACMP- H	Strong Acid Macroporous	H	48	+16 <2 -50 <1	-50 56	51.6 (35.0)	300	—	Also supplied in the hydrogen form as SACMP-H.
WACG	Weak Acid Gel (Carboxylic)	H	47	+16 <2 -50 <1	42- 49	4.0 (87.4)	300	H to Na 100	This gel type weak acid cation resin has nearly 100% regeneration efficiency (Carboxylic) and an extraordinary total capacity, of over 85 kilograins/cu.ft.
WACG- Na	Weak Acid Gel (Carboxylic)	Na	50	+16 <2 -50 <1	approx. 75	2.6 (43.7)	300	—	Useful in dealcalization and chemical processing applications. Also available in the sodium form for use in high TDS softening applications.

WACMP	Weak Acid Macro (Carboxylic)	H	47	+16 <2 -50 <1	53- 58	3.8 (83.0)	250	H to Ca 27	High capacity macroporous weak acid cation resin with nearly 100% regeneration efficiency for dealkalization, deionization, etc., with improved physical stability. This resin is also available in the sodium form for use in high TDS softening applications. Recommended for industrial and domestic softening. Has lower pH than WACMP and WACG. Product purification, buffering etc.
WACMP- Na	Weak Acid Macro (Carboxylic)	Na	50	+16 <2 -50 <1	approx. 75	2.1 (45.9)	250	H to Na 80	
WACMA	Weak Acid Macro (Methacrylic)	H	41	+16 <2 -50 <1	43- 53	3.9 (85.2)	250	—	
WACMA-Na	Weak Acid Macro (Methacrylic)	Na	43	+16 <2 -50 <1	approx. 67	2.5 (54.6)	250	H to Na 75- 100	