

Ions exchange resin

Strong Cationic Resin TC007FG(S)



IONS EXCHANGE RESIN

STRONG CATIONIC RESIN TC007FG(S)

- TC007FG(S) is a high exchange capacity cationic resin with excellent physical, chemical and thermal stability.
- Specially made for soft water production applications, it is delivered in Na⁺ form ready to use.
- It has a excellent mechanical strength ensuring a low pressure drop.



PHYSICAL AND CHEMICAL CHARACTER

Physical aspect and appearance	Spherical balls
Structure of the polymer matrix	Polystyrene gel with DVB
Functionnal group	Sulphonic acid
Ionic form (as shipped)	Na ⁺ form
Total exchange capacity	1.9 eq/L
Maximal granulometry	0.6
Medium granulometry	0.5
Water retention	48 to 54 %
Sphericity (perfect ball)	>96 %
Color to packaging	max. APHA 25
pH	pH 0 to 14
Total volume change (Ca ⁺⁺ ->Na ⁺)	<8%
Real density	1.25 - 1.29 g/ml
Shipping weight	780 - 880 g/l

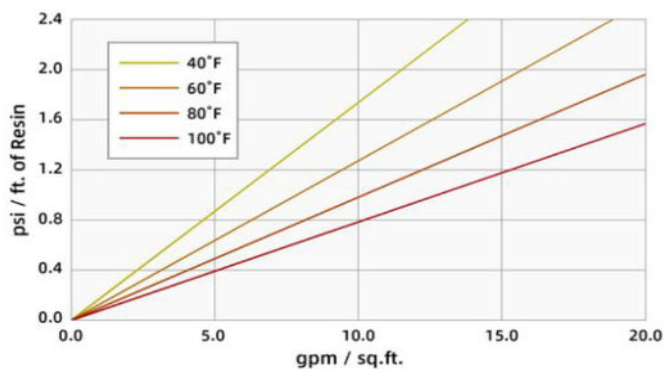
CONDITIONNEMENT

Bag of 25 liters.

WORKING CONDITIONS

Maximum operating temperature	120°C
pH	0 to 14
Service rate	5 to 50 BV/h
NaCl concentration for regeneration	10 to 15%

Pressure loss



Backwash expansion

