

# Uniform Particle Size Resins

- **TRILITE MA series**

Grade	TRILITE MA-10	TRILITE MA-12	TRILITE MA-20
Type	Strongly Basic Anion Resin (Type I) Gel type		Strongly Basic Anion Resin (Type II) Gel type
Matrix	Polystyrene + DVB		
Functional group	-N(CH <sub>3</sub> ) <sub>3</sub> ·Cl- (Trimethylammonium)		-N(CH <sub>3</sub> ) <sub>2</sub> C <sub>2</sub> H <sub>4</sub> OH·Cl- (Dimethylammonium)
Shipping weight	Approx. 680 g/l	Approx. 675 g/l	Approx. 715 g/l
Moisture content	43 ~ 49 %	48 ~ 55 %	45 ~ 52 %
Exchange capacity	1.35 meq/ml	1.3 meq/ml	
Operating temp.	60 °C (OH <sup>-</sup> )	60 °C(OH <sup>-</sup> )	40 °C(OH <sup>-</sup> )
Operating pH range	0 ~ 14		
Maximum swelling rate	22%	24%	14%
Uniformity coefficient	1.1		
Equivalent Grade	Dow Mono 550A (OH) Purolite SGC-550A (OH)	Dow Marathon A Lanxess MP M500 Purolite PFA400	Dow Marathon A2 Lanxess MP M600 Purolite PFA200



● **TRILITE MC series**

Grade	TRILITE MC-08	TRILITE MC-10
Type	Strongly Acidic Cation Exchange Resin Gel type	
Matrix	Polystyrene + DVB	
Functional group	-SO <sub>3</sub> ·Na <sup>+</sup> (Sulfonate)	
Shipping weight	Approx. 840 g/l	Approx. 850 g/l
Moisture content	43 ~ 49 %	38 ~ 44 %
Exchange capacity	2.0 meq/ml	2.2 meq/ml
Operating temp.	120°C	
Operating pH range	0 ~ 14	
Uniformity coefficient	1.1	
Mean Particle Size	600±50 μm	650±50 μm
Equivalent Grade	Dow Marathon C Dow Amberjet1000 Lanxess Lewatit MP S107 Purolite PFC100	Dow 650C (H) Lanxess Lewatit MP S108 Purolite SGC650

