



## PETROLITE 001×7

<b>Product :</b>	<b>001×7 Strong acidic styrene cation exchange resin</b>	
<b>Product pictures:</b>		
<b>Introduction :</b>	Mainly used in food, pharmaceutical, water softening and water purification, but also for hydrometallurgy, sugar refining, pharmaceuticals. MSG industry. As well as the catalyst.	
<b>Physicochemical property indicators :</b>	<b>Indicator</b>	<b>Parameter</b>
	Implement standard :	GB/T 13629-2008
	Appearance :	Brownish yellow to amber spherical particles
	Finished form :	Na <sup>+</sup>
	Moisture content % :	45.00-55.00
	Weight whole exchange capacity mmol/g :	≥4.50
	Volume whole exchange capacity mmol/ml :	≥1.9
	Wet density g/ml :	0.77-0.87
	Wet real density g/ml :	1.250-1.290
	Particle size range % :	(0.315mm-1.250mm)≥95.0
	Minimum particle size % :	(<0.315mm)≤1.0
	Valid particle diameter mm :	0.400-0.700
	Uniformity coefficient :	≤1.60
	Sphere rate after abrasion % :	≥90.00
<b>Refer to indicator :</b>	<b>Indicator</b>	<b>Parameter</b>
	pH range	1-14
	Highest use temperature°C	Na <sup>+</sup> :120 H <sup>+</sup> :100
	Expansion rate (CL <sup>-</sup> →OH <sup>-</sup> )%	≤10
	Working exchange capacity mmol/L	≥1200
	Operational flow speed m/h	15-30

آدرس : تهران - خیابان شریعتی - روبروی بهار شیراز - خیابان کاج - شماره ۴۷ - واحد ۳

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[info@parsapadana.com](mailto:info@parsapadana.com)

[www.parsapadana.com](http://www.parsapadana.com)