

N-丙基乙二胺 (PSA) 吸附劑

Cat# C3299-10g ; C3300-100g

Store at room temperature

INTRODUCTION

Retains strong acids, polar compounds and metal ions, suitable for purifying food substrates

PSA (ethylenediamine-N-propyl) filler is similar to NH₂, with weak anion exchange and normal phase retention. The two amino groups of PSA (pKa of 10.1 and 10.9 respectively) provide greater ion exchange capacity and can extract polar compounds through hydrogen bonds. In addition, PSA forms complexes with metal ions, which can retain some metal ions.

Carbon content: 8%

Surface area: 500 m²/g

Particle size: 20-35 μm ; 40-63 μm ; 50-75 μm

Average pore diameter: 100 Å

Appearance: Powder

Synonym: Primary Secondary Amine

Typical advantages

1. Larger exchange capacity than NH₂.
2. Effectively remove many interfering components in food.

PRODUCT USE LIMITATION

These products are intended for research use only.