

# EURORESIN DA201ID-FG

ION EXCHANGE RESIN FOR FOOD APPLICATIONS

## PRODUCT INFORMATION

### Highly porous synthetic adsorbent resin

EURORESIN DA201-ID-FG is a highly porous synthetic adsorbent resin based on polystyrene divinylbenzene matrix. A controlled pore size distribution and large surface area offer excellent adsorption capacity for a wide range of organic molecules. EURORESIN DA201ID-FG is suggested for the demarication of citrus juices thanks to its high adsorption capacity of limonine, naringin and flavonoids which give the juice a bitter taste.

EURORESIN DA201ID-FG complies with the existing UE and US food processing rules and regulations.

### CHARACTERISTICS

Surface area .....	600 - 800
Pore volume .....	1.2 - 1.4
Average pore size .....	5 - 7
Water retention % .....	62 - 72
Bulk density g/ml .....	0.62 - 0.72
Special density g/ml .....	1.02 - 1.07
Particle size % .....	(0.315 - 1.25mm) ≥ 95
Appearance .....	White opaque spherical

### REFERENCE INDEXES FOR OPERATION

pH range .....	1 - 10
Max operating temp (°C) .....	120 °C
Regenerate solution .....	NaOH 4%, EtOH, IPA
Consumption of regenerate .....	40 - 45 g NaOH 100% / lt resin
Flow rate of regenerate solution .....	2 - 5 m <sup>3</sup> /h/m <sup>3</sup> resin

**Packing:** 25 lt bags, 1000 lt big bags

**EURORESIN CTC® S.r.l.**

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