

food

RESINDION RESINS FOR FOOD TREATMENTS

TDS12102

RELITE SP420 - Synthetic Adsorbent

TDS 12102

RELITE SP420

RELITE SP420 is a highly porous synthetic adsorbent based on a styrene and DVB copolymer with a calibrated pore structure and a medium hydrophobicity degree.

Its composition complies with the existing food processing rules and regulations.

APPLICATIONS

- Antibiotics recovery and purification
- Vitamines, nucleic acids, enzymes, steroids, proteins, amino-acids recovery / separation and purification
- Sugar solutions decolorization
- Natural dyes removal and recovery
- Fatty acids adsorption.

TYPICAL CHARACTERISTICS

Colour and physical form	:	Brownish translucent spherical beads
Moisture content	:	52 ÷ 62 %
Pore volume	:	1.4 ml/g approx.
Surface area	:	1000 m ² /g approx.
Pore radius peak	:	50 ÷ 60 Angstrom
Particle size range	:	0.25 ÷ 0.6 m m (below 250 µ 5% max)
Effective size	:	0.25 min m m
Uniformity coefficient	:	1.6 max
Operating pH range	:	0 ÷ 14
Standard packaging	:	25 or 1000 litre bags
Swelling tendency	:	
- water	:	1.0
- methanol	:	1.25 approx.
- acetone	:	1.25 approx.
Specific gravity	:	1.01 g/ml approx.

Resindion S.r.l.

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