

food

RESINDION RESINS FOR FOOD TREATMENTS

TDS03124

RELITE SP411 - Synthetic Adsorbent

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RELITE SP411

RELITE SP411 is a highly porous synthetic adsorbent based on a styrene and DVB copolymer with a calibrated pore structure and a very high degree of hydrophobicity.

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

APPLICATIONS

- Natural dyes removal and recovery
- Antibiotics recovery and purification
- Vitamines, nucleic acids, enzymes, steroids, proteins, amino-acids recovery / separation and purification
- Fatty acids adsorption
- Aromatic compounds, chlorinated organics and pesticides removal and recovery.

TYPICAL CHARACTERISTICS

Colour and physical form	:	Yellowish brown opaque spherical beads
Moisture content at delivery	:	43 ÷ 53 %
Pore volume	:	1.3 ml/g approx.
Surface area	:	630 m ² /g approx.
Pore radius peak	:	100 ÷ 150 Angstrom
Particle size range	:	0.25 ÷ 0.6 m m
Effective size	:	0.25 min m m
Uniformity coefficient	:	1.5 max
Operating pH range	:	0 ÷ 14
Standard packaging	:	25 ÷ 50 liter bags
Swelling tendency	:	
- water	:	1.0
- methanol	:	1.15 approx.
- acetone	:	1.15 approx.
Specific gravity	:	1.18 g/ml approx.

Resindion S.r.l.

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