

food

RESINDION RESINS FOR FOOD TREATMENTS

TDS12105

RELITE SP450 - Synthetic Adsorbent

TDS 12105

RELITE SP450

RELITE SP450 is a highly porous synthetic adsorbent based on a styrene and DVB copolymer with a calibrated pore structure and a high degree of hydrophobicity.

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

APPLICATIONS

- Natural colourants removal and recovery
- Sugars and fruit juices purification
- Antibiotics recovery and purification
- Vitamines, proteins, amino-acids recovery / separation and purification

TYPICAL CHARACTERISTICS

Colour and physical form	:	Light brownish translucent spherical beads
Moisture content	:	60 ÷ 70 %
Pore volume	:	2.3 ml/g
Surface area	:	1200 m ² /g approx.
Pore radius peak	:	180 Angstrom
Particle size range	:	0.3 ÷ 0.71 m m
Effective size	:	0.25 min
Uniformity coefficient	:	1.6 max
Standard packaging	:	25 ÷ 50 liter 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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