

### SEPABEADS SP207

SEPABEADS SP207 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 <sup>2</sup> /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.