

Chromalite® PCG1200F

Macroporous Polydivinylbenzene
Adsorbent

Chromalite PCG1200F is a hydrophobic, highly crosslinked, porous polydivinylbenzene adsorbent. The pore size and matrix are engineered specifically for purification by reversed-phase chromatography, solid phase extraction and adsorption of biomolecules including proteins, peptides, oligonucleotides and antibiotics.

Equivalent to:

AmberChrom CG300

PRINCIPAL APPLICATIONS

- Reverse phase chromatography
- Adsorption of biomolecules up to 14KDa

ADVANTAGES

- Highly hydrophobic
- High chemical stability
- More robust than silica materials
- Easy column packing
- Efficient regeneration

REGULATORY APPROVALS

- Compliant with FDA regulation 21 CFR 173.65
- Compliant with ResAP(2004) 3
- Halal
- Kosher
- TSE/BSE/GMO free

TYPICAL PACKAGING

- 10g
- 50g
- 100g

* Shipped in 20% Ethanol

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Appearance	White Spherical Beads
Functional Group	None
Supplied as	20% ethanol slurry
Surface Area (min.)	600 m ² /g
Typical Porosity	300 - 500 Å
Particle Size (80% in the range)	20 - 50 µm
Mean Diameter	30 - 45 µm
Uniformity Coefficient (max.)	< 1.5
Total moisture	65 - 80 %
pH Limit Stability	1 - 14
Optimal storage condition	2 - 20 °C
Ionic Form	none
Expiry date (from date of manufacture)	5 years
Perfect Bead	min. 95 %

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Americas

T +1 610 668 9090
F +1 610 668 8139
americas@purolite.com

EMEA

T +44 1443 229334
F +44 1443 227073
europe@purolite.com

Asia Pacific

T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com

FSU

T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com