

CLARCEL® DIC3, DITR, DIT2R, DIT3R

Flux-calcined High Permeability Diatomaceous Earth

DESCRIPTION

CLARCEL® DIC3, DITR, DIT2R, DIT3R filter aids are obtained by the means of calcination and flux-calcination of purified diatomite.

CLARCEL® DIC3, DITR, DIT2R, DIT3R appear as white products, their silica content (SiO₂) is about 89 %.

APPLICATION

CLARCEL® DIC3, DITR, DIT2R, DIT3R are aimed at separation of solids from liquids, and can be used for the treatment of the following liquids:

- Alcohols, casein, cider, dextrin, cellulosic esters, alcoholic extracts, gelatin, edible oils, fruit juices, molasse, pectin, chemical and pharmaceutical products, resins, syrups and sugar, varnish, wine, vinegar ...

CLARCEL® DIC3, DITR, DIT2R, DIT3R comply with the current monograph's specifications of the US Food Chemical Codex.

PACKAGING

- Bulk
- 25 kg bags
- Big bags
- Other packaging could be available upon request

STORAGE

CLARCEL® should be stored in its original packing, in a dry warehouse, free of volatile matter.

PROPERTIES

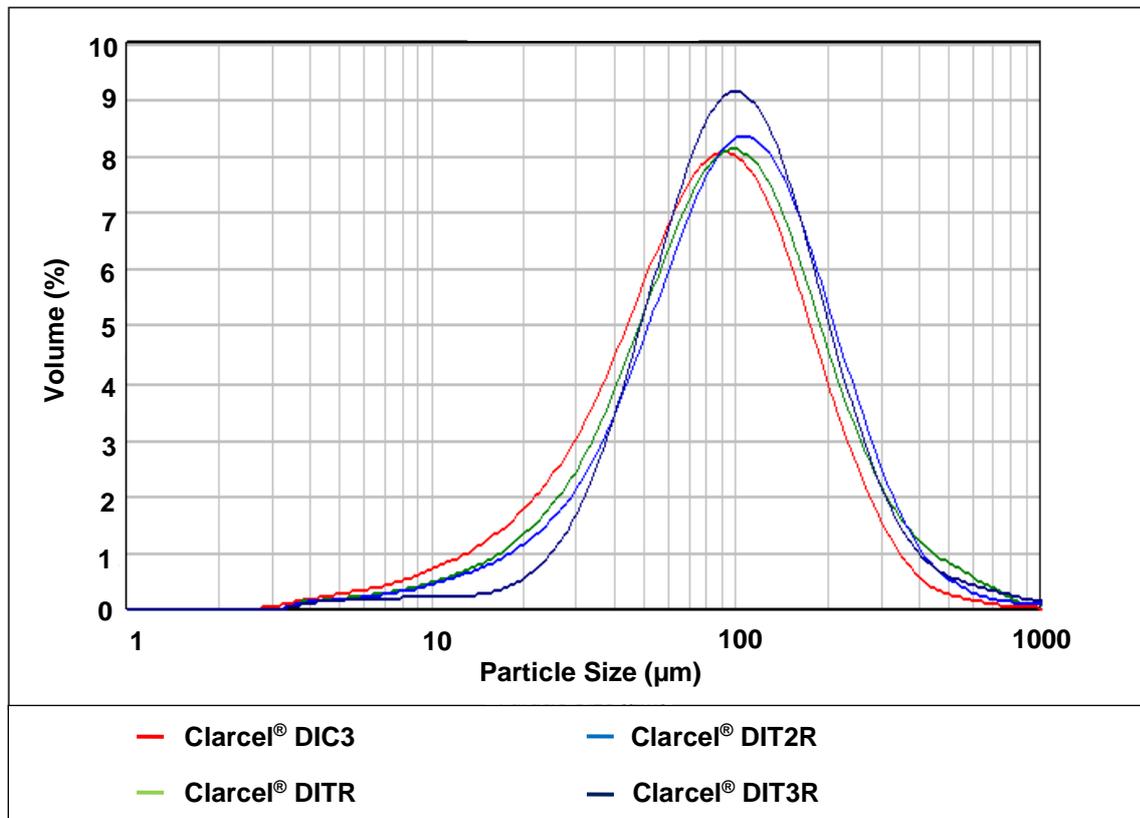
SPECIFICATIONS	DIC3	DITR	DIT2R	DIT3R	
Permeability (Darcy)	Min.	3.50	4.90	7.50	10.50
	Max.	5.50	8.10	12.50	17.50
Cake density (g/cm ³)	≤ 0.41	≤ 0.38	≤ 0.38	≤ 0.38	
Laser Granulometry D90 (µm)	≤ 300	≤ 350	≤ 420	≤ 450	

(Please refer to the Sales Specification Sheets, which state the Chemviron test method used to define the above specifications. Copies are available upon request.)

TYPICAL PROPERTIES	DIC3	DITR	DIT2R	DIT3R
Loss on ignition (%)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
Moisture (%)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
pH	10	10	10	10



TYPICAL PARTICLE SIZE DISTRIBUTION



QUALITY

Each of our worldwide operations has achieved **ISO 9001:2015** certification for their quality management system related to activated carbon. **Chemviron** guarantees the specifications against representative sampling.

CHEMVIRON

Chemviron, the European operation of Calgon Carbon Corporation, is a global manufacturer, supplier, and developer of activated carbons, innovative treatment systems, value added technologies and services for optimising production processes and safely purifying the environment.

With our experience developed since the early years of the twentieth century, facilities around the world, and a world-class team of over 1,300 employees, Calgon Carbon Corporation can provide the solutions to your most difficult purification challenges.

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