

DYNOCEL® 643

MOLECULAR SIEVE PROCESS ADSORBENT

Typical Properties

Physical	Pore Diameter	3 Å
	Shape	Spherical or Extrudate
	Crush Strength	16 lbs (4 x 8 mesh) 10 lbs (8 x 12 mesh)
	Water Adsorption Capacity*	≥ 20.5 lbs water/100 lbs
	Heat of Adsorption	1,800 BTU/lb H ₂ O
	Specific Heat	0.23 BTU/lb °F
	Moisture Content	1.5 % in Maximum Weight
	Bulk Density – 4 x 8 mesh 8 x 12 mesh	43 lbs/ft ³ (688 kg/m ³) 45 lbs/ft ³ (720 kg/m ³)
	Size – nominal (other sizes available on request)	4 x 8 mesh, 1/8", (3.0 mm) 8 x 12 mesh, 1/16", (1.5 mm)
Availability	Packaging	1 MT supersacks 150 kg steel drums available

Application Dynocel 643 is used to dehydrate vapor phase and liquid phase olefinic hydrocarbons. Dynocel 643 does not require a preload step.

* at 25 °C and 17.5 mm Hg.

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Evonik Operations GmbH

Business Line Catalysts
Rodenbacher Chaussee 4
63457 Hanau
Germany
PHONE +49 6181 59-13399
catalysts@evonik.com
www.evonik.com/catalysts

