

DYNOCEL® 645

MOLECULAR SIEVE PROCESS ADSORBENT

Typical Properties

Physical	Pore Diameter	5 Å
	Shape	Spherical or Extrudate
	Crush Strength	14 – 20 lbs (1/8") 7 – 12 lbs (1/16")
	Water Adsorption Capacity*	≥ 21.5 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	38 – 46 lbs/ft ³ (704 kg/m ³) 38 – 46 lbs/ft ³ (720 kg/m ³)
	Size – nominal (other sizes available on request)	1/8", (3.0 mm) 1/16", (1.5 mm)
	Availability	Packaging
Application	Dynocel 645 is used to dehydrate and desulfurize vapor phase and liquid phase hydrocarbons.	

* at 25 °C and 17.5 mm Hg.

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