



HYDRA® CATALYST SUPPORT

| 雍原催化瓷鋁球



HYDRA® CATALYST SUPPORT of Alumina, Ceramic, and Activated Alumina Balls accelerates the distribution uniformity of gas or liquid in the reaction tank or adsorption tower; and to cover or support catalysts and adsorbents with weak strength to prolong their service life.

雍原催化瓷鋁球®加速氣體或液體在反應罐或吸附塔中的分佈均勻性；覆蓋或支撐強度較弱的催化劑和吸附劑，以延長其使用壽命，產品包括瓷球，鋁球和活性氧化鋁。

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HYDRA® CERAMIC BALLS D57

| 雍原瓷球 (陶瓷蓄热球)

Chemical Properties

	min %	max %	mu %
SiO ₂	70	76	72
Al ₂ O ₃	25	32	28
Fe ₂ O ₃	-	0.10	0.09
TiO ₂	-	0.50	0.46
CaO	-	0.50	0.42
MgO	-	0.50	0.38
Na ₂ O	-	2.00	1.12
K ₂ O	-	3.50	3.28
Al ₂ O ₃ + SiO ₂	95	98	96



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Physical Properties

Nominal Size		Crush Strength	
		(lb)	(kg)
mm	in	min	min
3	1/8	50	22.7
6	1/4	130	60
10	3/8	200	90
13	1/2	370	170
16	5/8	500	230
19	3/4	950	430
25	1	1400	635
38	1-1/2	2000	900
50	2	2000	900

Other Properties

Void Fraction	40%
Water Absorption	> 0.4 %
Max Operating Temperature	1250 °C
Bulk Density	1400 kg/m ³
Attrition (weight loss)	< 0.5 %

The information herein does not constitute a guarantee or warranty. Hydra's Warranty is set forth in its standard terms and conditions which govern sales of Hydra's engineering services and engineered products. The standard terms are set forth in Hydra quotations and acknowledgements and are also available upon request.



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