



洛 阳 建 龙 微 纳 新 材 料 股 份 有 限 公 司
Luoyang Jalon Micro-nano New Materials Co., Ltd.

Add: Junmin Road No.7, Industrial Cluster Zone, Yanshi District, Luoyang, Henan, China, 471900

Tel: +86-379-6989 5719

Fax: +86-379-6989 5717

Web: www.jalonzeolite.com

Molecular Sieve JLWN5

Hydrogen Purification Molecular Sieve JLWN5 greatly increased the CO, N₂ and CH₄ adsorption capacity compared with standard molecular sieve 5A. Designed with the advantages of a large adsorption capacity, fast adsorption & desorption rate and high mechanical strength, JLWN5 is an excellent adsorbents for PSA hydrogen purification process.

Property	Unit	Bead	Note
Diameter	mm	1.6-2.5	
Static Water Adsorption	wt%	≥25.00	RH75%, 25℃, Activated
N ₂ Adsorption	ml/g	≥11.00	760mmHg, 25℃, Activated
CO Adsorption	ml/g	≥28.00	760mmHg, 25℃, Activated
Bulk Density	g/ml	0.73-0.78	Tapped
Crush Strength	N	≥35.00	Avg. 25 beads
Water Content	wt%	≤1.50	550℃, 1hr

Recommended Application:

- PSA hydrogen purification;
- PSA CO production;
- Separation of n-alkanes/Isomerization alkane in petrochemical industry

Packing:

- 55 gallon air-tight iron drum with 150kg net weight

※Other packing according to your requirement