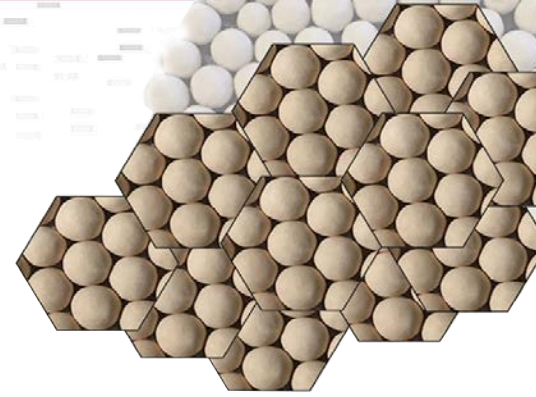


Z300 Series

Molecular Sieve for Refrigerant



Description

Z300B is used to dehydrate new types of refrigerants, such as R-134A, found in household and commercial refrigerators, iceboxes, and air conditioners. It can be also applied in specialized refrigerants such as butane in "green refrigerators"

Z300C is applied in the dehydration of refrigerants (excluding refrigerant mixtures containing difluoromethane) in air conditioners, refrigerators and iceboxes. This "standard" product is most commonly used for refrigerant

Z300F is applied in the dehydration of environment-friendly refrigerants R-410A, R-407C, R-404A, R-507, etc

Z325 is specifically designed for use in the purification of refrigerant R-134A. This molecular sieve has a high selective adsorption for HCFC1122 from R-134A refrigerant and reduces impurities to less than 2ppm

Specifications

Molecular Sieve		Beads			
HYGZ300		HYGZ300B	HYGZ300C	HYGZ300F	HYZZ325
Property	Unit	8x12 Mesh	8x12 Mesh	8x12 Mesh	8x12 Mesh
Diameter	mm	1.6 - 2.5	1.6 - 2.5	1.6 - 2.5	3.0 - 5.0
Bulk Density	g/mL (<i>lb/ft³</i>)	≥0.85 (<i>≥53</i>)	≥0.85 (<i>≥53</i>)	≥0.85 (<i>≥53</i>)	47.4 - 51.2
Crush Strength	N (<i>lbm*ft/s²</i>)	≥70 (<i>≥15.7</i>)	≥70 (<i>≥15.7</i>)	≥70 (<i>≥15.7</i>)	≥15.7
Static H ₂ O Adsorption	wt%	≥19.5	≥18.5	≥16.0	≥20.0
Attrition (dry)	wt%	≤0.1	≤0.1	≤0.1	≤0.1
Attrition (wet)	wt%	≤2.0	≤2.0	≤2.0	-
Moisture Content	wt%	≤1.0	≤1.0	≤1.0	≤2.0
Packaging	Z300B, Z300C, Z300F	150kg (<i>330.7lb</i>) / Drum	700kg (<i>1,543.2lb</i>) / Super Sack		180kg (<i>396.8lb</i>) / Drum
Packaging	Z325	Super Sack options available			

Industries Used

Refrigeration

Air Conditioning

Auto Brakes

Storage

As an adsorbent, molecular sieve should not be left exposed to open air and should be stored in dry conditions with air-proof packaging.

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