



Langfang Olan Glass Beads Co., Ltd

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Technical Data Sheet

Glass Beads for Bonded Abrasive Grain

Size Gradation: F54 (125-250um)

Sieve	Retained by Mass	
	Min	Max
um	%	%
>355	0	10
250-355	80	100
<250	0	10

Chemical Composition: Sodium Lime Glass Composition

Typical chemical composition :

SiO₂ : 70-75%

Na₂O : 12-15%

CaO : 7-12%

K₂O : max1.5%

Al₂O₃ : max2.5%

MgO : max5 %

Fe₂O₃ : max0.5%

Physical Properties :

Appearance: Spherical, Clean, Transparent, No visible bubbles or impurity.

Hardness: 6-7Mohs (approximately 645N/mm² Knoop or approximately 6HRC)

Specific Gravity: 2.4-2.6gr/cm³.

Bulk Density: approximately 1.5 kg/lt.

Round (Spherical Beads): Min.80%

Package: Net 25kgs/PP woven bags, 50bags/pallet, 25ton/20pallets/container