



Tianjin BRG Products Co., Ltd.

Best, Responsible and Gratifying

Certificate of Analysis

Product Name: Sodium Merasilicate Penta **Grade:** Tech
Chemical Formula: Na₂SiO₃·5H₂O **Molecular Weight:** 212.4
CAS Number: 10213-79-3 **UN NO.:** 3253
Quantity: 25 MT **Lot No.:** 160720
Product Description: White Granular **Issued Date:** 2016-7-20
Particle Size: 16~30 Mesh

Items	Standard	Test Results	Unit
Sodium oxide(Na ₂ O)	28.7-30.00	29	%
Silica(SiO ₂)	27.8-29.2	29.11	%
Water insoluble	0.05 max	0.03	%
Fe	100 max	50	ppm
Whiteness	80 min	88	%
Bulk Density	0.80-0.97	0.96	g/cc
PH of 1.0% Solution	12~13	12.65	
Melting Point	72.2	72.2	°C
ParticularSize (16-30 mesh)	90 min	97	%

Packaging: 25kg PP bag

Safety and Handling: See Material Safety Data Sheet.

Application:

This product is mainly used in making high efficiency detergent and metal cleaner. Instead of STPP, it can raise cleaning efficiency and reduce environmental pollution, provides excellent alkaline buffer, corrosive prevention for metal (i.e. Zinc, Aluminum), possesses the character of softening water.

Technical Service:

For technical assistance, contact us at: info@brgproduct.com

Comments:

For price & further information, please contact us at: info@brgproduct.com

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