



Sodium Tripolyphosphate

Packaging Available

Name Of Party	:	IQOSA IMPEX PVT. LTD
For Free Sample Contact	:	82007 67077
Sample Name & Code	:	Sodium Tripolyphosphate (stpp) Glaze
Test Requirement	:	Physical & Chemical Analysis
Report No.	:	2 CR HVS
Date Of Received	:	1-12-2023

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About

Sodium Tripolyphosphate

The Manufacture Of Ceramics Requires More Know-how, Hard Work, And Quality Raw Materials Than Many People Understand. One Of The Most Worthwhile Raw Materials In Ceramic Production Is Sodium Tripolyphosphate.

Technical Data Sheet

Chemical Properties

Specification-Limits

Result

Method

P₂O₅ Content

56-Min

56.65

BS 4427-10

pH Solution 1%

9.2~10.0

9.22

ASTM

Water Insoluble

Max 0.2

0.05

BS 4427-1

Moisture

Max 0.5

0.02

ASTM

L.O.I

Max 1

0.52

BS 4427-4

Temperature Rise

9~15

8.5

ASTM

Phase (Form) I

5~40

10

ASTM

Fe

Max 0.01

0.005

BS 4427-3

Na₅P₃O₁₀ Content Expressed as a % of total phosphate content

90 Min

96.30

BS 4427-7

Chemical Properties

Specification-Limits

Result

Method

Through 18 mesh Sieve

99-Min

100

-

Through 35 mesh Sieve

95-Min

96.54

-

Through 100 mesh Sieve

70-Min

80.37

-

Through 230 mesh Sieve

Max 20

12.1

-

Bulk Density

0.6 ~ 1.1

0.75

ASTM

Whiterness Level

Min 82

90

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