

# GGBFS Technical Datasheet



<b>Manufacturer</b>	Tangshan Senlan Trading Co., Ltd.	<b>Document</b>	GGBFS Quality Test Report (S105)
<b>Product</b>	Ground Granulated Blast Furnace Slag (GGBFS)	<b>Grade</b>	S105
<b>Sample</b>	GGBFS Powder	<b>Standard</b>	As per reported test standard

## Key Highlights

<b>Specific Surface Area</b>	428 m/kg	<b>Activity Index (7d)</b>	103%
<b>Activity Index (28d)</b>	115%	<b>Density</b>	2.89 g/cm <sup>2</sup>
<b>Fluidity Ratio</b>	97%	<b>Initial Setting Ratio</b>	118%

*Note: Values are extracted from the original quality test report for S105 grade GGBFS and presented in English for customer reference.*

## Technical Properties

### Physical Properties

Test Item	Value
Fluidity Ratio (%)	97
Moisture Content (%)	0.2
Density (g/cm <sup>2</sup> )	2.89
Specific Surface Area (m/kg)	428
Initial Setting Time Ratio (%)	118

### Chemical / Quality Indicators

Component	Value
Chloride Ion (%)	0.021
Sulfur Trioxide, SO <sub>3</sub> (%)	0.31
Loss on Ignition, LOI (%)	0.09
Insoluble Matter (%)	0.06

## Performance and Compliance

Test Item	Value
Activity Index (7 days,%)	103
Activity Index (28 days,%)	115
Test Conclusion	Meet Standard

### Reported Standard Requirements vs. Test Results

Test Item	Unit	Requirement	Result
Fluidity Ratio	%	$\geq 95$	97
Moisture Content	%	$\leq 1.0$	0.2
Chloride Ion	%	$\leq 0.06$	0.021
Sulfur Trioxide, SO <sub>3</sub>	%	$\leq 4.0$	0.31
Loss on Ignition, LOI	%	$\leq 1.0$	0.09
Density	g/cm <sup>3</sup>	$\geq 2.8$	2.89
Insoluble Matter	%	$\leq 3.0$	0.06
Initial Setting Time Ratio	%	$\leq 200$	118
Activity Index (7d)	%	$\geq 70$	103
Activity Index (28d)	%	$\geq 95$	115
Specific Surface Area	m <sup>2</sup> /kg	$\geq 400$	428

### Quality Control & Authorization

Quality Status	Issued By
All reported items meet S105 test requirements	Tangshan Senlan Trading Co., Ltd.

**Disclaimer:** This datasheet is provided for reference only. The above values are based on the submitted quality test report of a specific sample/batch of S105 GGBFS and may vary depending on production and shipment conditions. Final specifications, inspection method, and commercial terms shall be subject to the signed contract.