

16 mm GFRP Rebar Inspection

PRODUCT

GFRP rebar

SPECIFICATION

Φ 16 mm × 300 mn

OUTCOME

PASS

INSPECTION OVERVIEW

Batch quantity

1 batch total
414.0 meters

Inspection quantity

3 pcs

Relative humidity

55%

Environment
temperature

23°C

The original inspection record confirms conformance to ASTM D7205 for appearance, size, straightness, tensile strength, elasticity modulus, and ultimate strain.

INSPECTION RESULTS

Inspection item	Technical requirement	Result 1	Result 2	Result 3	Conclusion
Appearance	Even texture, no bubble or crack	✓	✓	✓	Pass
Diameter (mm)	16 ±0.2	16.1	16.2	16.2	Pass
Length (mm)	300 +40	310	315	310	Pass
Bar straightness (mm/m)	≤3	1.1	1.3	1.5	Pass
Tensile strength (MPa)	≥1312	1350	1375	1365	Pass
Elasticity modulus (GPa)	≥65.6	66.5	66.0	65.9	Pass
Ultimate strain (%)	≥1.2	2.03	1.93	1.98	Pass

OVERALL RESULT

PASS

All recorded inspection results meet the stated technical requirements.