



## PORTLAND CEMENT

### ASTM C150



- Origin: Vietnam
- MOQ: 10.000 MT
- Contract: 12 months
- Packing: 1.5 Ton Jumbo Doble Liner Bags
- Payment: 30% against Invoice + 70% against shipping documents
- FOB or CIF price



## TEST REPORT

1. Name of products: XM Type 1 - ASTM C150 - Jumbo

2. Technical Standards: ASTM C150 - Type 1

3. Lot number: NA-R09

5. Date of delivery: 16-18/7/22

4. Weight of lot:

6. Date of test: 19/7/22

7. Test Results:

No.	Characteristics	Units	Test Method	Spec. Limit	Test Results
<b>I Physical specification</b>					
1	Blaine method	m <sup>2</sup> /kg	ASTM C204	≥260	333
2	Autoclave expansion	%	ASTM C151	≤0.8	0.04
3	Time of setting:	min	ASTM C191	≥45	
	- Initial set				136
	- Final set				230
4	Air content	%	ASTM C185	≤12	8.40
5	False set, final penetration	%	ASTM C451	≥50	56.20
6	Compressive strength	MPa	ASTM C109/ C109M	≥19	
	After 3 Days				23.00
	After 7 Days				31.60
	After 28 Days				42.50
<b>II Chemical Specification</b>					
7	SiO <sub>2</sub> (Silicon dioxide content)	%	ASTM C114	-	20.87
8	Al <sub>2</sub> O <sub>3</sub> (Aluminum oxide content)	%		-	5.30
9	Fe <sub>2</sub> O <sub>3</sub> (Ferric oxide content)	%		-	3.11
10	CaO (Calcium oxide content)	%		-	62.16
11	MgO (Magnesium oxide content)	%		≤6.0	1.81
12	SO <sub>3</sub> (Sulfur trioxide content)	%		≤3.0	1.90
13	MKN (Loss on ignition content)	%		≤3.5	2.27
14	CKT (Insoluble residue content)	%		≤1.5	0.94

The test results conform to the requirements of Type 1 - ASTM C150/PNS07:2018