COEP Technological University

(COEP Tech)
A Unitary Public University of Government of Maharashtra
w.e.f 21st June 2022
(Formerly College of Engineering Pune)

Enquiry letter

Enquiry No. COEP Tech/MME /Enquiry/ 2026/ 202 Date: 28/08/2026

Sub: Invitation for Quotation for procurement of Titanium Aluminum Carbide MAX Phase Powder

Please quote your lowest rates in the sealed envelope for the following service given below on or before 08/09/2026 Up to 5.00 PM on the terms and conditions given below. The quotation should be in favour of the HOD department of Metallurgy and Materials Engineering, COEP Technological University, Wellesley Rd, Shivajinagar, Pune, Maharashtra 411005.

Sr. No.	Description	Qty.
1	Specifications (as attached): • Titanium Aluminum Carbide MAX Phase Powder • Formula: Ti_3AlC_2 • CAS Number: 196506-01-1 • > 99% Purity	25 grams
2	Quotation submission place: Establishment section, COEP Technological University, Wellesley Rd, Shivajinagar, Pune, Maharashtra 411005	
3	Quotation opening place: Department of Metallurgy & Materials Engineering, COEP Technological University, Wellesley Rd, Shivajinagar, Pune, Maharashtra 411005	

Terms & conditions:

1. The rates quoted shall be valid for a period of three months from the date of opening.
2. The taxes, packing and forwarding charges, and transport charges if any should be mentioned separately.
3. If you fail to supply within time, material may be purchased at the next higher rate, and the difference will be recovered from your bill.
4. The stores shall be checked at this institute, and it will not be liable to pay charges for the Rejected material when returned and replaced.

Yours Sincerely,

28/08/26

Prof. Manisha Kulthe
(Head of the MME Department)

Dr. M. G. Kulthe
HOD
Dept. of Metallurgy and Materials Engineering
COEP Technological University,
(A Unitary Public University of Govt. of Maharashtra)
(Formerly College of Engineering Pune)

Product Specification

Product Name:
Titanium Aluminium Carbide MAX phase - powder, 99.8% trace metals basis

CAS Number: 196506-01-1

Formula: AlTi3C2
Formula Weight: 194.6 g/mol

TEST	Specification
Appearance (Color)	Faint Grey to Black
Appearance (Form)	Powder or Crystals or Granules or Flakes
X-Ray Diffraction	Conforms to Structure
Particle Size Microns: 10th Report Result	
Particle Size Microns: 50th	15.0 - 20.6 micron
Particle Size Microns: 90th Report Result	
Carbon Content	10.0 - 15.0
ICP Major Analysis Confirms Titanium and Aluminum components	Confirmed
Purity 99.8% Based on Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	≤ 2500.0 ppm
Recommended Retest Period 1 year	----------

28/08/26

Dr. M. G. Kulthe
HOD
Dept. of Metallurgy and Materials Engineering
COEP Technological University,
(A Unitary Public University of Govt. of Maharashtra)
(Formerly College of Engineering Pune)