



AXION

INDUSTRIAL MINERALS

FOR A STRONGER TOMORROW

NATURAL
RESOURCES
REAL VALUE
A BRIGHTER
TOMORROW

Industrial Quartz Portfolio

Micronized, Granular and
Coarse Quartz Solutions

Natural crystalline silicon dioxide (SiO_2)
for industrial applications



High Purity



Controlled
Particle Size



Reliable Supply

NATURAL ORIGINS
GLOBAL POSSIBILITIES

Brand Owner: **Tradege**

MINERALS
PEOPLE
INDUSTRY
A BRIGHTER TOMORROW



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Trusted Minerals for a Stronger Tomorrow

AXION is a Tradege brand focused on high-purity industrial quartz solutions for global manufacturing sectors. Our portfolio is sourced from selected quartz rock in Türkiye and developed for applications that demand purity, consistency and dependable supply.

Our quartz is processed through crushing, washing, screening, optical sorting, drying and grinding to deliver stable particle-size distribution, strong whiteness and reliable industrial performance.

NATURAL
RESOURCES
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Natural Origin



Consistent Quality



Global Supply



Industry Focused

MINERALS
PEOPLE
INDUSTRY
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02 | Our Quartz Materials

From Natural Quartz to Industrial Value

Our quartz is derived from high-quality natural quartz rock and processed into application-focused grades ranging from micronized powders to granular and coarse materials. The result is a bright, high-purity mineral solution suitable for diverse industrial uses.



Coarse

Granular

Micronized



High SiO_2
Content



Controlled
Particle Sizing



Clean & Bright
Appearance



Application-
Focused Grades



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Micronized quartz powder
for industrial applications

03 | Micronized Quartz Grades

Representative fine powder and micronized grades

Grade	SiO ₂ Min %	Fe ₂ O ₃ Max %	D50 (µm)	D97 (µm)
10.PA	99.30	0.06	3–6	13–20
10.PA.2	98.93	0.42	3–6	13–20
33.C.2	97.33	0.70	8–12	50–65
35.CH	99.60	0.05	12–17	36–40
45.P	99.60	0.04	11–22	50–62
45.Q	99.20	0.10	11–22	48–65

Detailed D10 and D90 values are available in the individual technical data sheets.



High Purity
CONSISTENT
QUALITY



Fine Particle Size
TAILORED
GRADATION



Industrial Applications
RELIABLE
SUPPLY



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04 | Fine & Medium Quartz Grades

Representative controlled-size grades

High purity quartz in precisely controlled particle sizes for diverse industrial applications.



Grade	SiO ₂ Min %	Fe ₂ O ₃ Max %	D50 (μm)	D97 (μm)
48.CH	99.50	0.05	14–24	50–75
48.P	99.40	0.07	12–27	58–80
48.P.H	99.30	0.10	12–27	58–80
48.P.K	99.30	0.20	12–27	58–80
63.P	99.60	0.03	17–25	59–70
100.ABC	98.80	0.10	30–80	130–160
180.ABC	99.10	0.15	30–96	110–220



High Purity



Controlled
Particle Size



Reliable Supply

Additional technical details are available on request.

05 | Granular & Coarse Quartz Grades

Representative granular and coarse fractions

Grade	SiO ₂ Min %	Fe ₂ O ₃ Max %	Size Control
63-212.G.ABC	99.50	0.06	D50 110–150 µm / D97 220–290 µm
63-212.G.ABC.1	99.50	0.02	D50 110–150 µm / D97 220–290 µm
100-500.G.50	99.70	0.05	+600 µm max 1% / -75 µm max 10%
100-500.G.70	99.70	0.07	+600 µm max 1% / -75 µm max 10%
100-500.G.100	99.70	0.01	+600 µm max 2% / -75 µm max 15%
100-500.G.160	99.60	0.016	+600 µm max 1% / -75 µm max 10%
100-500.G.350	99.60	0.035	+600 µm max 1% / -75 µm max 15%
1000.ABC	99.00	0.30	+1000 µm max 10%
1000-3000.ABC	99.00	0.20	+3000 µm max 10% / -1000 µm max 10%
2000-3000.ABC	98.50	0.20	+3000 µm max 10% / -2000 µm max 40%

Product selection should be matched to the end-use process and sizing requirements.



High Purity



Controlled
Particle Size



Reliable Supply



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06 | Applications & Supply

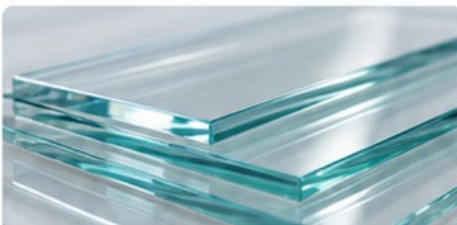
Essential Minerals for Key Industries

AXION quartz supports a wide variety of industrial applications with dependable purity, controlled sizing and export-oriented service.



Ceramics & Porcelain

High whiteness and purity for superior finishes



Glass Industry

Reliable raw material for clear, high-quality glass



Engineered Stone & Composites

Consistent quality for modern surfaces



Paints & Coatings

Improves durability, opacity and texture



Construction Materials

Used in cement, mortars, render and building products



Filtration Media

Clean, durable and chemically stable

Why AXION



High Purity

Natural quartz with consistently low impurities



Controlled Particle Size

Tailored grading for your process needs



Responsive Export Service

Reliable supply and timely delivery worldwide



Application-Focused Solutions

Technical support for your specific requirements

Support & Documentation



Individual TDS available



Commercial and technical assistance



Sizing, packaging and shipment discussions on request



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07 | Contact

Let's Build Reliable Mineral Solutions Together

For technical details, additional grades, samples or commercial discussions, our team is ready to support your mineral sourcing needs. AXION delivers industrial quartz solutions backed by responsive export service and strong commercial coordination.

NATURAL
ORIGINS
GLOBAL
POSSIBILITIES

Tradege



Adalet Mahallesi Manas Bulvarı No:39 İç Kapı No:2511
Bayraklı - İZMİR / Türkiye



+90 506 450 9208

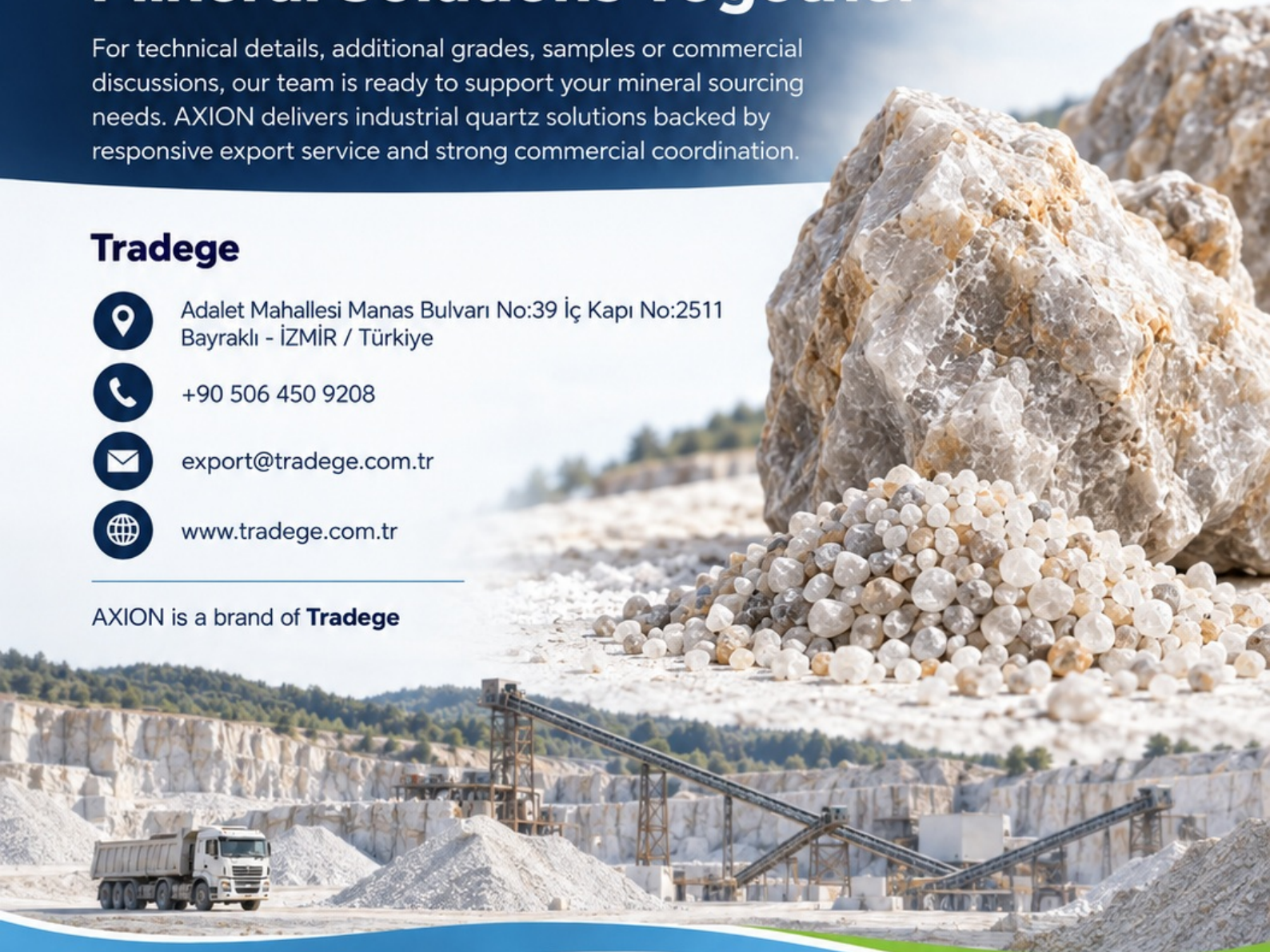


export@tradege.com.tr



www.tradege.com.tr

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