

glasstun

The path of stone

All glasstun products are suitable for use in the glass industry.
With their low titanium and iron oxide content, our products offer many advantages for use as raw materials.
All glasstun products are produced in mines located in the Çine-Milas region and owned by KALTUN MADENCİLİK SAN. TİC. AŞ.
All glasstun products are manufactured, prepared and transported in accordance with the KALTUN quality management system and checked periodically.



■ Aydın ★ Çine (Kaltun) ▲ Güllük port ● İzmir port



KALTUN

MINING COMPANY

Chemical Analysis

Sodium Feldspar

PRODUCT NAME	PRODUCT CODE	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	P ₂ O ₅	L.O.I
EX.GQ.500	KS.80.G.0401	69.64	18.50	0.040	0.73	0.09	10.30	0.19	0.21	0.30
EX.GQ.500-Special	KS.82.G.0401	68.86	19.00	0.030	0.71	0.08	10.65	0.17	0.20	0.30
S.FLT.FQ.425	KS.65.G.0301	69.57	18.75	0.025	0.50	0.09	10.70	0.21	0.01	0.15
S.FLT.EX.-300	KS.63.G.0301	70.86	18.00	0.008	0.28	0.03	10.50	0.16	0.01	0.15
S.PR.600-GQ	KS.74.G.0600	67.88	19.70	0.0275	1.26	0.06	10.45	0.20	0.22	0.20
S.PR.600-EX	KS.75.G.0600	68.00	19.65	0.015	1.18	0.04	10.50	0.20	0.22	0.20

Quartz

PRODUCT NAME	PRODUCT CODE	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	P ₂ O ₅	L.O.I
Q.500.PQ	KK.30.G.0501	69.64	18.50	0.040	0.73	0.09	10.30	0.19	-	0.30
Q.500.PQ	KK.31.G.0501	68.86	19.00	0.030	0.71	0.08	10.65	0.17	-	0.30
Q.500.PQ	KK.32.G.0501	69.57	18.75	0.025	0.50	0.09	10.70	0.21	-	0.15

Mineralogical Analysis

Sodium Feldspar

PRODUCT NAME	PRODUCT CODE	Na FELDSPAR %	K FELDSPAR %	Ca FELDSPAR %	FREE QUARTZ %	TOTAL	OTHERS
EX.GQ.500	KS.80.G.0401	69.64	0.040	0.09	0.19	0.21	0.30
EX.GQ.500-Special	KS.82.G.0401	68.86	0.030	0.08	0.17	0.20	0.30
S.FLT.FQ.425	KS.65.G.0301	69.57	0.025	0.09	0.21	0.01	0.15
S.FLT.EX.-300	KS.63.G.0301	70.86	0.008	0.03	0.16	0.01	0.15
S.PR.600-GQ	KS.74.G.0600	67.88	0.0275	0.06	0.20	0.22	0.20
S.PR.600-EX	KS.75.G.0600	68.00	0.015	0.04	0.20	0.22	0.20

Quartz

PRODUCT NAME	PRODUCT CODE	Na FELDSPAR %	K FELDSPAR %	Ca FELDSPAR %	FREE QUARTZ %	TOTAL	OTHERS
Q.500.PQ	KK.30.G.0501	69.64	0.040	0.09	0.19	0.21	0.30
Q.500.PQ	KK.31.G.0501	68.86	0.030	0.08	0.17	0.20	0.30
Q.500.PQ	KK.32.G.0501	69.57	0.025	0.09	0.21	0.01	0.15

Others

Sodium Feldspar

PRODUCT NAME	PRODUCT CODE	HUMIDITY	DENSITY	MOH'S SERTLİK
EX.GQ.500	KS.80.G.0401	max.0.2	2.60 g/cm ³	6
EX.GQ.500-Special	KS.82.G.0401	max.0.5	2.60 g/cm ³	6
S.FLT.FQ.425	KS.65.G.0301	max.0.5	2.60 g/cm ³	6
S.FLT.EX.-300	KS.63.G.0301	max.0.5	2.60 g/cm ³	6
S.PR.600-GQ	KS.74.G.0600	max.0.5	2.60 g/cm ³	6
S.PR.600-EX	KS.75.G.0600	max.0.5	2.60 g/cm ³	6

Quartz

PRODUCT NAME	PRODUCT CODE	HUMIDITY	DENSITY	MOH'S SERTLİK
Q.500.PQ	KK.30.G.0501	max.0.2	2.60 g/cm ³	6
Q.500.PQ	KK.31.G.0501	max.0.5	2.60 g/cm ³	6
Q.500.PQ	KK.32.G.0501	max.0.5	2.60 g/cm ³	6

Particle Size Distribution

Sodium Feldspar

PRODUCT NAME	PRODUCT CODE	+0.85mm	+0.6mm	+0.5mm	+0.425mm	+0.3mm	+0.1mm	+0.075mm	-0.075mm
EX.GQ.500	KS.80.G.0401	69.64	0.040	0.040	0.09	0.040	0.19	0.21	0.30
EX.GQ.500-Special	KS.82.G.0401	68.86	0.030	0.030	0.08	0.030	0.17	0.20	0.30
S.FLT.FQ.425	KS.65.G.0301	69.57	0.025	0.025	0.09	0.025	0.21	0.01	0.15
S.FLT.EX.-300	KS.63.G.0301	70.86	0.008	0.008	0.03	0.008	0.16	0.01	0.15
S.PR.600-GQ	KS.74.G.0600	67.88	0.0275	0.0275	0.06	0.0275	0.20	0.22	0.20
S.PR.600-EX	KS.75.G.0600	68.00	0.015	0.015	0.04	0.015	0.20	0.22	0.20

Quartz

PRODUCT NAME	PRODUCT CODE	+0.85mm	+0.6mm	+0.5mm	+0.425mm	+0.3mm	+0.1mm	+0.075mm	-0.075mm
Q.500.PQ	KK.30.G.0501	69.64	0.040	0.040	0.09	0.040	0.19	0.21	0.30
Q.500.PQ	KK.31.G.0501	68.86	0.030	0.030	0.08	0.030	0.17	0.20	0.30
Q.500.PQ	KK.32.G.0501	69.57	0.025	0.025	0.09	0.025	0.21	0.01	0.15



kaltun

MINING COMPANY

PLACE OF PRODUCTION : Çine - Aydın / TURKEY
PORT OF LOADING : İzmir or Güllük
TYPE OF PACKAGING : Bulk, big bag or paper bag

The analysis results are average values derived from various measurements and are intended as general information only. Please contact us for details.

HEALTH RISK WARNING

Frequent inhaling of dust may lead in the short term to coughing, and in the long term to silicosis, which is a chronic disease caused by dust particles adhering to the surface of the lungs. Data from animals demonstrate that it causes cancer.

HEADQUARTERS

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