

# TECHNICAL DATA SHEET

**ceratun**  
**K.PQ.45**

**CAS NUMBER** : 68476-25-5  
**EINECS NUMBER** : 2706667  
**MATERIAL CODE** : K.PQ.45 (KP.01.M.0045)  
**PRODUCTION PLANT** : Kaltun - Cine / AYDIN/ TURKIYE  
**SHORT DESCRIPTION OF MATERIAL** : **CERATUN K.PQ.45** is a high quality Potassium Feldspar with high K<sub>2</sub>O, produced from deposits in the Cine-Milas region, Turkiye.

## PHYSICAL & CHEMICAL PROPERTIES OF MATERIAL:

	Particle Size Distribution				Others		
	Sieve Residue %	Malvern (Mastersizer 2000)			Humidity %	Hardness Mohs	Density g/cm <sup>3</sup>
	+0,045mm	D/10	D/50	D/97			
<b>Typ.</b>	<b>1,0</b>	<b>3,3µm</b>	<b>15,1µm</b>	<b>55,0µm</b>	<b>0,2</b>	<b>6</b>	<b>2,60</b>
<b>Min.</b>	-	-	-	-	-	-	-
<b>Max.</b>	<b>3,0</b>	-	-	-	<b>0,5</b>	-	-

	Chemical Analysis *									
	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	MgO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	L.O.I
<b>Typ.</b>	<b>69,70</b>	<b>16,50</b>	<b>0,13</b>	<b>0,04</b>	<b>0,40</b>	<b>0,07</b>	<b>2,20</b>	<b>10,60</b>	<b>0,06</b>	<b>0,30</b>
<b>Min.</b>	-	<b>16,00</b>	-	-	-	-	-	<b>10,00</b>	-	-
<b>Max.</b>	<b>70,50</b>	-	<b>0,15</b>	-	-	-	-	-	-	-

\*With XRF Spectrometer

The above figures are typical, average values derived from numerous measurements. This is not a specification

**kaltun**

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