

eskal

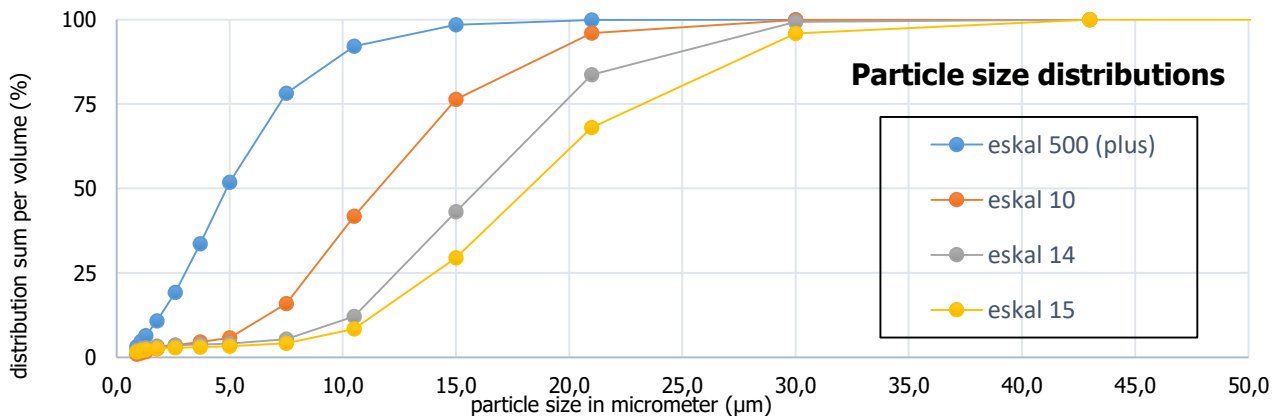
Separating powder from natural calcium carbonate for the LSG-bending process of automotive glass

Physical - chemical data*

Hardness	3 (mohs)
Max. content of moisture	0,90 %
Density	2,7 g/cm ³
Bulk density approx.	750 - 1100 g/l
Grain form:	rhomboedral (calcite)

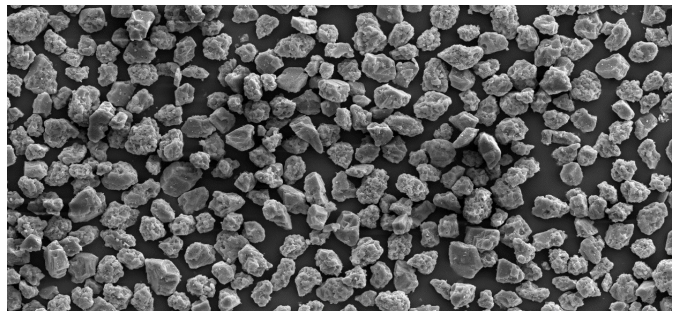
Composition

CaCO ₃	99,10 %
MgO	0,45 %
SiO ₂	0,25 %
Al ₂ O ₃	0,10 %
Fe ₂ O ₃	0,04 %
HCl insoluble	0,30 %



Benefits

- uniquely uniform powder grains
- less powder consumption
- less fine dust, less pollution
- perfect separation
- minimal optical defects
- good adhesion to the glass surface
- easily washable
- temperature stable, non-flammable



Recommendations

eskal 15:

Our standard product for dry application with an average diameter of approx. 18 µm.

eskal 14:

Our optimized product for dry application based on eskal 15 with a further reduction of coarse particles.

eskal 10:

For dry applications that require finer particles. Average particle diameter of approx. 11 µm.

eskal 500 plus:

Our finest variant for dry application with an average particle diameter of approx. 5 µm. Particularly suitable for large bending radii or multilayer bending of e.g. bulletproof glass.

eskal 500:

Our standard powder for wet application with an average particle diameter of approx. 5 µm.

Recommended quantities: approx. 80 - 100 mg/m² (dry application); approx. 2 - 4 % (wet application)

*The given values are analysis values of a single, representative laboratory sample and therefore do not represent a specification. Since it is a purely natural product that is subject to structural changes during growth, slight deviations from the given values are possible.