



# ACC® Undensified Microsilica G85

## Referenced Application: For Fertilizer Application

**Grade 85U** is widely used in fertilizer application, with strong moisture absorbability, as anti-caking agent or pellet binding agent, etc.

Feature	Packaging	Quality Control	Standards
<ul style="list-style-type: none"> <li>• Large Specific surface area.</li> <li>• Strong absorbability.</li> <li>• High whiteness.</li> <li>• High purity.</li> </ul>	The product is supplied in a range of packaging: <ul style="list-style-type: none"> <li>• 500kg double plastic woven Jumbo bag.</li> <li>• 20/25kg paper bag or woven bags with PE liner.</li> </ul> Special packaging can be supplied on request.	ACC Microsilica® is certified according to ISO 9001.  The chemical composition and physical properties are regularly tested in accordance with international standards.	ACC Microsilica® Grade 85U conforms to the mandatory requirements of the relevant standards from: <ul style="list-style-type: none"> <li>• American Society for Testing and Materials (ASTM C 1240)</li> <li>• European Committee for Standardisation.</li> </ul>

Analysis/Properties		Value
SiO2	Silicon Dioxide, Amorphous	85% min
SO3		2.0% max
Cl		0.3% max
Free CaO		1.0% max
Free Si		0.4% max
PH		> 6
Moisture		3% max
LOI	Loss on Ignition	6% max, Typical 3.23%
Specific surface(BET)		18 m2/gram min
Bulk Density		300-400kg/m3
Pozz.Activity Index – 7days accelerated curing		105% min
Retained on 45 micron sieve		10% max, Typical 1.08%
Fluidity		> 18cm
Whiteness		60% min

The above specification refers to analysis performed using the ASTM Standard Test Methods and Elemental Analysis for ACC Microsilica®

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