

## Introduction

Sun Microsphere hollow ceramic microspheres is made of PFA(pulverized fuel ash) by products engineered to specific customers' demands, which offers important benefits .QK300 is the widely demanded lightweight filler for a variety of products.

## Typical properties

Product	Qk300
true density	0.85 g/cc
density	0.40 g/cc
crush strength	2500 psi
D10	45 microns
D50	125 microns
D90	255 microns
top effective size	300 microns
floating ratio	95%
thermal conductivity	0.08 W/mK
oil absorption	0.5g/cc
pH Value	6-8
melting point	1600 degree C
color	light gray
Hardness	6 Moh's scale
Looks like	free flowing powder

## Chemical Composition

SiO <sub>2</sub>	58%
Al <sub>2</sub> O <sub>3</sub>	35%
Fe <sub>2</sub> O <sub>3</sub>	2.0-3.8%
CaO	1.1%
TiO <sub>2</sub>	1.05%
MgO	0.8%
K <sub>2</sub> O	1.12%
Na <sub>2</sub> O	0.5%
Loss on Ignition	0.8%

## Advantages

- ✍ High filler loading;
- ✍ Reduced weight;
- ✍ Improved flowability;
- ✍ Reduced shrinkage and warpage;
- ✍ Highly adaptable to a wide range of product processes

## Package and Storage

Big bag: polypropylene container bag;  
 Typical package size: 1150 x 1150 x 1050mm (height)  
 Typical net weight: 500kg

Paper Bag: 3ply water soluble kraft paper bag;  
 Typical package size: 750 x 400 x 180mm (height)  
 Typical net weight: 20kg

Both types are palletized and wrapped.

Call now to order at

**+86 13903150114**

For safety



Wear goggles and mask