XYAL®100

Fumed Alumina   TECHNIQUE DATA SHEET

XYAL®100 **is very fine Fumed metal oxide with a high specific surface area. Due to the electropositive chargeability, XYAL 100 leads to specific properties in various applications.**

Physico-chemical Data

Properties	Units	Typical Value	Standardization
Specific Surface Area(BET)	m2/g	100±15	GB/T10722
pH Value (in 4% dispersion)		4.5-5.5	GB/T 1717
Loss on Drying, Ex Works (2h @ 105℃)	wt%	<1.5	GB/T 5211.3
Alumina content(based on the substance heated at 1000℃ for 2 h)	wt%	>99.6	GB/T20020
Refractive Index		1.69	

At time of packaging.

Application s and Properties

Application:

✧ Improve chargeability and flowing in powder coatings;

✧ In fluorescent lamp to get homogenous light emission, reduce light attenuation,to avoid fluorescent tube from darkness

✧ Anti-Blocking agent in plastic film;

✧ Provide high gloss and excellent printing in Photo Paper

Functions:

✧ High Purity

✧ Low bulk density

✧ Superfine particle size and good dispersion ability

✧ Positive surface charge

Packing and Storage

XYAL® 100 is packaged in multiple layer kraft paper 10kg bags on pallet, and should be stored in the original packaging in dry storage areas for protecting the material from volatile substance.

Transportation:

Sea Transportation

20'GP: 1800KG, 10 pallets, 180KG/pallet.

40'GP: 3600KG, 20 pallets, 180KG/pallet.

40'HQ: 4000KG, 20 pallets, 200KG/pallet.

Road Transportation: by requirement

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