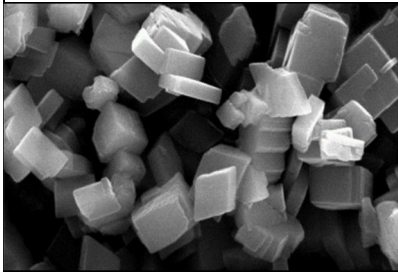
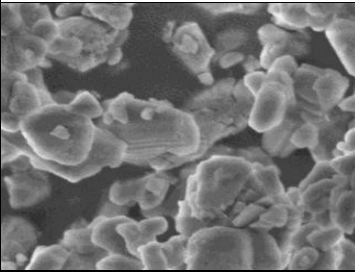


**“Next Generation Coating”**

**ALUPREM® TB Boehmite vs Aluminum Oxide**

- ✓ Lower cost / lower density for more volume of coating
- ✓ High purity (low Fe, Na, Ca . . . )
- ✓ Reduction of coating thickness possible
- ✓ Less abrasive for longer coating and slitting equipment life
- ✓ Better dispersion and mix stability in PE and PP coatings
- ✓ Thermal stability and overcharge protection  
*(Added flame retardant / smoke suppressant performance, safer and less long-term cell degradation by preventing shrinkage of separator)*
- ✓ Good electrolyte wettability, efficient in ion transport

<b>ALUPREM® TB-1.0/XU</b>		<b>Aluminum Oxide</b>
AlO(OH)	Chemical Formula	Al <sub>2</sub> O <sub>3</sub>
99.9	Purity, %	99.9
0.9	D50, μm	0.4 – 1.2
3.0	Specific Gravity, g/cm <sup>3</sup>	3.9
6	Specific Surface Area, m <sup>2</sup> /g	6 - 12
340° C	Temperature Resistance	-
	SEM Image	
↔ 1μm		↔ 1μm

The information herein is believed to be correct and reliable; however, no warranty is given concerning the accuracy of these data, merchantability or fitness for a particular