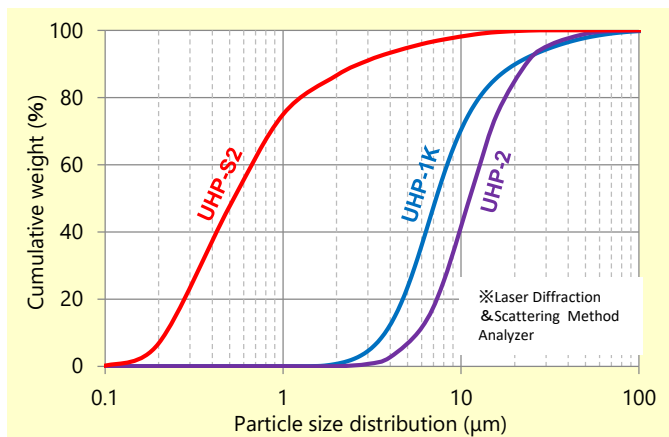


## <Typical properties of common grades>

Shape			Platelet		
			UHP-S2	UHP-1K	UHP-2
Chemical Composition	B <sub>2</sub> O <sub>3</sub>	%	0.04	0.03	0.04
	CaO	%	0.01	0.01	0.02
	C	%	0.02	0.02	0.02
	BN	%	99.9	99.9	99.9
Mean Particle Size (d <sub>50</sub> )	μm	0.7	8	11	
BET Specific Surface Area	m <sup>2</sup> /g	8-12	3-5	3-5	
Bulk Density (Tap)	g/cm <sup>3</sup>	0.25	0.22	0.30	

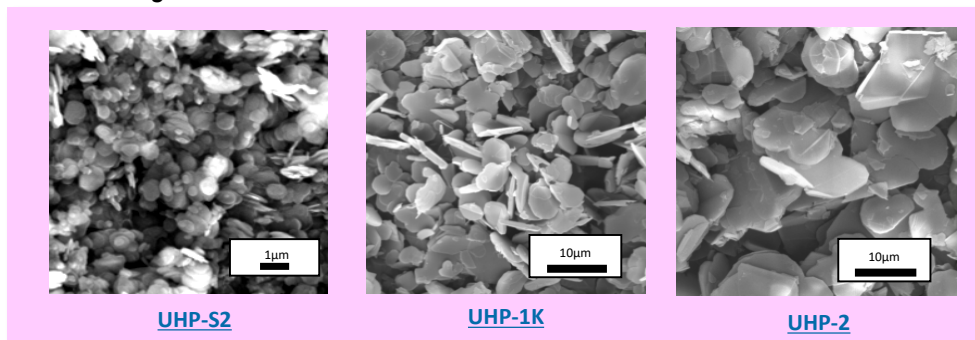
## <Particle Size Distribution>



## <Features and Advantages>

1. SHOBN, our UHP Series, offers superior thermal conductivity, high thermal stability, corrosion resistance, and strong electrical characteristics (i. e. high electrical insulation, low dielectric constant).
2. SHOBN, UHP contains few impurities and has low dielectric constant, making it possible to produce durable materials without impairing the properties of mixed resins.
3. SHOBN, UHP is suitable for applications which require lubricity and mold-release efficiency.

## <SEM images>



※The data shown above are representative figures. They are not guaranteed values.