

PS Beads

High Refractive
Index



SAX series are Mono-Dispersed Poly Styrene Beads

單分散

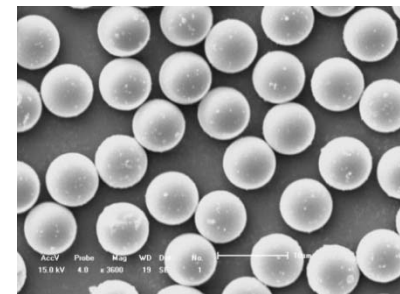
Crosslinked PS bead
Mono-dispersed
Refractive Index: 1.59
Yellow Index: 3.0 Max
CV: <15

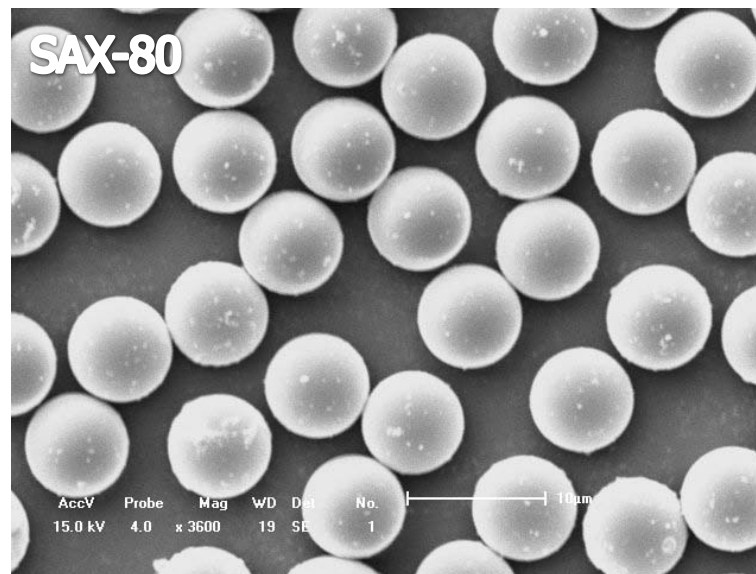
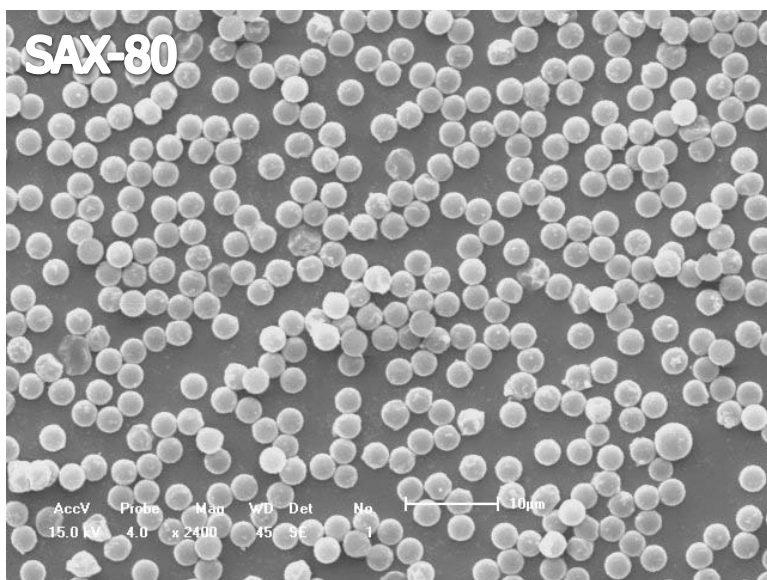
Grade	Descriptions		Particle Size (μm)	
	R.I	C.V	D50	D100
SAX80	1.59	15	8.0 \pm 1.5	20

Solvent Resistance Degree



Level 1 : Low





High Refractive Index PS Bead

高屈折率

Crosslinked PS bead
Poly-dispersed
Yellow Index: 3.0 Max

聚苯乙烯
高折射率

Grade	Descriptions	Particle Size (μm)	
		D50	D100
HR59-40	RI 1.59	4.5±1.5	20.00
HR59-80	RI 1.59	7.5±1.5	27.00

Solvent Resistance Degree



Best recommend for

(1) High HAZE Light Diffusion Film

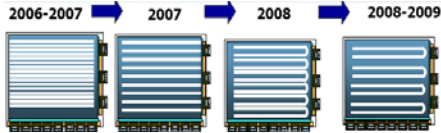
Trend 1: LED backlight



Trend 2: Slim LCD



Trend 3: Fewer CCFL



The higher haziness required, Higher and Lower RI Beads needed