

KING PEARL[®] EPS

Type	Grade	Particle size (mm)	Foam density (g/l)	Principal Applications
E series Regular Grade	MS	1.2-1.8	12-14	Low density block molding.
	SA	0.9-1.4	14-17	Low density and thick wall shape molding
	SB	0.7-1.1	15-20	Good fusion and surface finish
	S	0.5-0.9	20-30	Small parts and thin wall with good surface finish
	4S	0.3-0.6	30-50	Small parts and thin wall with good surface finish
HC series High Gloss Rigid High Strength	MS	1.2-1.8	14-18	Large boxes with high gloss, high strength
	SA	0.9-1.4	17-22	Medium boxes, parts require high strength.
	SB	0.7-1.1	18-25	Small boxes with high gloss, high strength
	S	0.5-0.9	20-30	Thick parts with good surface and high strength
F series High expansion low density Fire retardant	ML	1.4-2.2	12-15	Low density blocks
	MS	1.2-1.8	13-17	Low density blocks
	SA	0.9-1.4	15-20	Good fusion and surface finish
	SB	0.7-1.1	18-25	Good fusion and surface finish
	S	0.5-0.9	25-35	High density blocks and shapes
	MS	1.2-1.8	8-9	Two times expansion ,light density for fire retardant block
	SA	0.9-1.4	9-10	
	SB	0.7-1.1	10-13	
	S	0.5-0.9	11-15	
B series Fast cycle	MS	1.2-1.8	14-18	Fast cycling block molding
	SA	0.9-1.4	17-22	Fast cycling large packaging use
	SB	0.7-1.1	18-25	Fast cycling shape molding,good fusion and surface finish
	S	0.5-0.9	20-30	Fast cycling small and thin wall shape molding
P series Multiple Expansions Ultra Low Density	MS	1.2-1.8	10-12	one time expansion,easily achieve light density and economic consumption for block
	SA	0.9-1.4	12-14	
	SB	0.7-1.1	13-15	
	S	0.5-0.9	15-17	
	MS	1.2-1.8	6-7	Multiple-passed expansion (3-5 times), ultra-light block applications,light cushioning applications.
	SA	0.9-1.4	7-8	
	SB	0.7-1.1	8-9	
	S	0.5-0.9	9-10	