

KING PEARL[®] EPS

Type	Grade	Particle size (mm)	Foam density (g/l)	Principal Applications
F series 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	
FL series Fire retardant Low pentane Low VOC	ML	1.4-2.2	13-16	Low pentane, Low VOC for Block molding and shape molding.
	MS	1.2-1.8	15-18	
	SA	0.9-1.4	18-24	
	SB	0.7-1.1	20-25	
	S	0.5-0.9	25-35	
FM Grade Fire retardant Low pentane high oxygen index	MS	1.2-1.8	15-18	Mainly for building insulation, also suitable for electronics appliances structural parts
	SA	0.9-1.4	18-24	
	SB	0.7-1.1	20-25	
	S	0.5-0.9	25-35	
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
C 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
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

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H 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	
NP series High impact High expansion High strength	NP-A	0.9~1.2	14~18	High impact applications for appliances,computer parts, electronic parts;fusion and good cushion
BL Series Low pentane Low VOC	MS	1.2-1.8	18-22	Low pentane, Low free Monomer Low VOC for package,fish and vegetable boxes.
	SA	0.9-1.4	20-24	
	SB	0.7-1.1	22-26	
	S	0.5-0.9	25-35	
R series Color beads	A-1,A-2	Black/Grey	V-1,V-2 (Purple)	Minimum order is specified
	B-1,B-2	Blue	OR-1,2 (Orange)	
	G-1,G-2	Green	W-1,W-2 (Brown)	
	R-1,R-2	Red	Y-1 (Yellow)	
G series Order made	XL	2.5~4.0	10-12	Special application
	L	1.6~2.5	10~12	Special application
	D	Anti-static	10 ⁸ -10 ⁹ Ω -CM	Electronic applications

Remarks: The above foam densities are for reference and subject to different conditions.

Packing Information

Packing	Weight/Kg	20'fcl capacity	40'fcl capacity
Paper bag Laminated kraft paper	25	17.00 MT	25.50 MT
Flecon bag Super sack	750	15.00 MT	24.00 MT
	850	17.00 MT	25.50 MT
	1200	12.00 MT	24.00 MT

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