



International

KING PEARL[®] EPS

Loyal Group 2012

Type	Grade	Particle size (mm)	Foam density (g/l)	Principal Applications	
E series	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	
	Regular Grade	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	MS	1.2-1.8	12-14	Large boxes with high gloss, high strength	
	SA	0.9-1.4	14-17	Medium boxes,parts require high strength.	
	High Gloss High Strength	SB	0.7-1.1	15-20	Small boxes with high gloss, high strength
		S	0.5-0.9	20-30	Thick parts with good surface and high strength
F series	L	1.6-2.5	12-13	Low density blocks	
	MS	1.2-1.8	13-17	Low density blocks	
	High expansion low density	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
		Fire retardant	MS	1.2-1.8	8-9
	SA		0.9-1.4	9-10	
	SB		0.7-1.1	10-13	
S	0.5-0.9		11-15		
B series	MS	1.2-1.8	14-18	Fast cycling block molding	
	SA	0.9-1.4	17-22	Fast cycling large packaging use	
	Fast cycle	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
		4S	0.3-0.6	35-50	Fast cycling small and thin wall shape molding
H series	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	15-20		
	4S	0.3-0.6	20-35		
	Multiple Expansions Ultra Low Density	MS	1.2-1.8	5-7	Multiple-passed expansion(3-5 times) ,ultra-light block applications,light cushioning applications.
		SA	0.9-1.4	6-8	
		SB	0.7-1.1	8-10	

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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		
FL series Low pentane Low VOC Fire retardant	MS	1.2-1.8	15-18		Low pentane, Low VOC for Block molding and shape molding.
	SA	0.9-1.4	18-24		
	SB	0.7-1.1	20-25		
	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	

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	17mt	24mt
Flecon bag(Super sack)	600	12mt	24mt
Flecon bag(Super sack)	700/750/850	14/15/17 mt	N/A
Flecon bag(Super sack)	975	N/A	19.5mt
Flecon bag(Super sack)	1200	12mt	24mt

Loyal Group 見龍機構

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PRODUCER	CAPACITY (YEAR)	
Royal	Ningbo Xinqiao	180,000MT
	Jiangyin Xinheqiao	250,000MT
	Dongguan Xinchangqia	180,000MT
	<i>Tianjin Longqiao</i>	<i>180,000MT</i>

TYPE	SPEC	Bead size (mm)	Foamdensity(g/l)	APPLICATION
E(HIGH EXPANSION LONG STORAGE LIFE)	MS	1.0~1.6	12~14	HEAVY DUTY SHEET AND LIGHTWEIGHT MOLDING
	SA	0.8~1.2	14~17	REGULAR PACKAGE AND BOX MOLDING
	SB	0.6~0.9	15~20	PRECISION AND THIN WALL PACKAGE MOLDING
	S	0.4~0.7	20~29	PRECISION AND HIGH DENSITY ARTICLES
C (HIGH STRENGTH HIGH GLOSSY)	MS	1.0~1.6	14~18	LARGE BOX AND FLOOR APPLICATIONS
	SA	0.8~1.2	17~22	LARGE BOX AND LOW DENSITY APPLICATIONS
	SB	0.6~0.9	18~25	MIDDLE SIZE BOXES AND HIGH DENSITY FLOOR APPLICATIONS
	S	0.4~0.7	22~33	PRECISION AND THIN WALL SUCH AS A/C PARTS,BOXES
B(HIGH CYCLE GOOD FUSION)	MS	1.0~1.6	14~18	LOW DENSITY,HIGH CYCLE MOLDING
	SA	0.8~1.2	17~22	MONITOR AND LARGE PACKAGING MOLDING
	SB	0.6~0.9	18~25	PRECISION AND THIN WALL PACKAGE MOLDING

PRODUCER	CAPACITY (YEAR)	
Royal	Ningbo Xinqiao	180,000MT
	Jiangyin Xinheqiao	250,000MT
	Dongguan Xinchangqia	180,000MT
	Tianjin Longqiao	180,000MT

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	SB	0.6~0.9	18~25	PRECISION AND THIN WALL PACKAGE MOLDING

	S	0.4~0.7	22~33	PRECISION AND HIGH DENSITY ARTICLES
P(ULTRA HIGH EXPANSION)	MS	1.0~1.6	8~10	
	SA	0.8~1.2	10~14	
	SB	0.6~0.9	12~16	
	S	0.4~0.7	14~18	
F(SELF EXTINGUISHING)	MS	1.0~1.6	13~17	
	SA	0.8~1.2	15~20	
	SB	0.6~0.9	18~25	
	S	0.4~0.7	22~33	
N(HIGH IMPACT)	NP-A	0.9~1.2	14~18	
G(SPECIALLY MADE)	XL	2.5~5.0	9~11	
	L	1.6~2.5	10~12	
	D	Anti-static		
	H	Heavy Material		
R(COLOR BEADS)	A-1,A-2	Black		
	B-1,B-2	Blue		
	G-1	Green		
	R-1,R-2	Red		
	W-1,W-2	Brown		
	Y-1	Yellow		
FD(FOOD GRADE)	A	0.40~0.45	10-40	COLD/HOT COFFEE, DRINK, ICECREAM
	B	0.40~0.45	10-40	OILED FOOD

The above foam densities are for review and subject to different conditions.

*Oxygen Index:>30(tested after 7~14 days)

PACKING CONDITION

PACKING	WEIGHT/KG	20FCL CAPACITY/MT	40FCL CAPACITY/MT
PAPER BAG	25	17	24
FLECON BAG	600	12	24
FLECON BAG	650	13	24
FLECON BAG	700	14	N/A
IRON DRUM	125	10	20
OCTABIN	1000	10	20
OCTABIN	1200	12	24