

## ***Technical Specification***

<b><i>Spec.</i></b>	<b><i>Diam. Range (mm)</i></b>	<b><i>Times</i></b>	<b><i>Density (g/L)</i></b>	<b><i>Blowing Agent (%)</i></b>	<b><i>Residual SM (ppm)</i></b>	<b><i>Moisture (%)</i></b>	<b><i>Coating Agent (ppm)</i></b>	<b><i>Oxygen Index. (%)</i></b>
E-301	1.00-1.60	70-85	12-14	6.5-7.2	≤4000	<1%	≤3200	N.A.
E-302	0.85-1.25	60-70	14-16					
E-303	0.70-0.90	55-65	15-18					
E-401	0.50-0.80	40-55	18-25					
E-501	0.40-0.60	30-40	25-30					
P-301	1.00-1.60	75-90	11-13	6.5-7.5	≤5000	≤1%	≤3200	N.A.
P-302	0.85-1.25	65-75	13-15					
P-303	0.70-0.90	55-70	14-18					
P-401	0.50-0.80	45-55	18-20					
P-501	0.40-0.60	40-50	20-25					
F-301	1.00-1.60	70-85	12-14	6.2-7.3	≤2000	≤2%	≤3200	≥30
F-302	0.85-1.25	60-70	14-16					
F-303	0.70-0.90	50-65	15-18					
F-401	0.50-0.80	40-50	18-25					
F-501	0.40-0.60	30-45	25-30					
B-301	1.00-1.60	55-70	14-18	5.5-6.8	≤2000	≤1%	≤3200	N.A.
B-302	0.85-1.25	50-60	16-20					
B-303	0.70-0.90	40-55	18-25					
B-401	0.50-0.80	35-45	22-30					
B-501	0.40-0.60	30-40	25-35					
L-301	1.00-1.60	40-60	16-25	4.5-5.5	≤2000	≤2%	≤3200	≥30 (F)
L-302	0.85-1.25	40-50	20-25					
L-303	0.70-0.90	35-45	22-28					
L-401	0.50-0.80	30-40	25-33					
L-501	0.40-0.60	30-35	28-33					

**Note:**

**E-:** General Grade; **P-:** Multiple-times Grade; **F-:** Flame-Retardant; **B-:** Instant Grade; **L-:** Low Pentane

**Packing:** 25 KG X 680/960 paper bags packed in one 20'/40'FCL

## ***Principal application***

<b>SERIES</b>	<b>application</b>
<b>F</b>	Good fire resistant capability,high pre-expansion ratio and high strength of products;they are mainly applicable to thermal and cold insulation material of building.
<b>E</b>	Good pre-expanding capability and toughness,high rigidity,low static,be able to store for a long term;they are mainly applicable to electrical appliances,potteries and porcelains,and fish bin and packages.
<b>B</b>	Fast pre-expanding speed,short cooling time and fast demoulding speed,they are mainly applicable to electrical appliances of automatic moulding equipment,which improves production efficiency dramatically and realize energy saving.
<b>L</b>	Short cooling time and fast demoulding speed,they are mainly suitable for heave plates for domestic buildings and being exported to European and American market.
<b>P</b>	Good elasticity of foam particles,high expansion ratio,high strength of products,be able to expand for several times,they are mainly applicable to production of light plates.

# *Processing conditions*

>Pre-expansion:Batch pre-expander


<b>Operation conditions</b>	
Main steam pressure (kg/cm <sup>2</sup> )	3-5
Chamber pressure (kg/cm <sup>2</sup> )	0.10-0.30
heating time (s)	50-70

>Pre-expansion:Continuous pre-expander

<b>Operation conditions</b>	
Main steam pressure (kg/cm <sup>2</sup> )	4-6
Heating steam pressure (kg/cm <sup>2</sup> )	0.2-0.5
Chamber temperature (°C)	95-103

<b>Maturation after pre-expansion</b>	
<b>Operation conditions</b>	
Aging time (hour)	6-8





江苏利士德化工有限公司 EPS分公司  
JIANGSU LEASTY CHEMICAL CO.,LTD. EPS BRANCH

ADD: NO.18 SHUANGLIANG RD,LIGANG TOWN,JIANGYIN,JIANGSU

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F-301 25kg NET

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**江苏利士德化工有限公司**  
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