

## LG Chemical B240 EPS, Non-Flame Retardant

Category : Polymer , Thermoplastic , Polystyrene (PS) , Expanded Polystyrene (EPS)

### Material Notes:

Feature: Expendable Polystyrene, Non-Flame Retardant  
 Application: Package, Fruit/Fish Box, Floats, Pad, Ice Box  
 CAS No. 9003-53-6 and 109-66-0  
 Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-B240-EPS-Non-Flame-Retardant.php](http://www.lookpolymers.com/polymer_LG-Chemical-B240-EPS-Non-Flame-Retardant.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.45 %	0.45 %	[g/100cm <sup>2</sup> ], 30g/L; KS M 3808
	0.50 %	0.50 %	[g/100cm <sup>2</sup> ], 25g/L; KS M 3808
	0.75 %	0.75 %	[g/100cm <sup>2</sup> ], 20g/L; KS M 3808
	0.83 %	0.83 %	[g/100cm <sup>2</sup> ], 15g/L; KS M 3808

Mechanical Properties	Metric	English	Comments
Flexural Yield Strength	0.186 MPa	27.0 psi	15g/L; KS M 3808
	0.255 MPa	37.0 psi	20g/L; KS M 3808
	0.333 MPa	48.4 psi	25g/L; KS M 3808
	0.412 MPa	59.7 psi	30g/L; KS M 3808
Impact	0.85	0.85	[kg/cm <sup>2</sup> ], 15g/L; KS M 3808
	1.3	1.3	[kg/cm <sup>2</sup> ], 20g/L; KS M 3808
	1.7	1.7	[kg/cm <sup>2</sup> ], 25g/L; KS M 3808
	2.1	2.1	[kg/cm <sup>2</sup> ], 30g/L; KS M 3808

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0349 W/m-K	0.242 BTU-in/hr-ft <sup>2</sup> - °F	30g/L; KS M 3808
	0.0360 W/m-K	0.250 BTU-in/hr-ft <sup>2</sup> - °F	25g/L; KS M 3808
	0.0372 W/m-K	0.258 BTU-in/hr-ft <sup>2</sup> - °F	20g/L; KS M 3808

Thermal Properties	Metric	English	Comments
	0.0467 W/m-K	0.0171 U-in/hr-ft <sup>2</sup> - °F	15g/L, KS M 3008

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China