

LG Chemical B120 EPS, Non-Flame Retardant

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

Material Notes:

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

Order this product through the following link:
http://www.lookpolymers.com/polymer_LG-Chemical-B120-EPS-Non-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Water Absorption	0.24 %	0.24 %	[g/100cm ²], 30g/L; KS M 3808
	0.25 %	0.25 %	[g/100cm ²], 25g/L; KS M 3808
	0.30 %	0.30 %	[g/100cm ²], 15g/L; KS M 3808
	0.30 %	0.30 %	[g/100cm ²], 20g/L; KS M 3808

Mechanical Properties	Metric	English	Comments
Flexural Yield Strength	0.161 MPa	23.3 psi	15g/L; KS M 3808
	0.294 MPa	42.7 psi	20g/L; KS M 3808
	0.382 MPa	55.5 psi	25g/L; KS M 3808
	0.441 MPa	64.0 psi	30g/L; KS M 3808
Impact	0.92	0.92	[kg/cm ²], 15g/L; KS M 3808
	1.32	1.32	[kg/cm ²], 20g/L; KS M 3808
	1.85	1.85	[kg/cm ²], 25g/L; KS M 3808
	2.4	2.4	[kg/cm ²], 30g/L; KS M 3808

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0337 W/m-K	0.234 BTU-in/hr-ftÂ²-Â°F	30g/L; KS M 3808
	0.0349 W/m-K	0.242 BTU-in/hr-ftÂ²-Â°F	25g/L; KS M 3808
	0.0372 W/m-K	0.258 BTU-in/hr-ftÂ²-Â°F	20g/L; KS M 3808

Thermal Properties	Metric	English	Comments
	0.0395 W/m-K	0.0007 BTU-in/hr-ft ² -°F	15g/L, KS M 3003

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China