

Taitarex® 861N / B

General Purpose Polystyrene

Taita Chemical Company, Ltd.

Message:

Taitarex® 861N / B is a General Purpose Polystyrene material. It is available in Asia Pacific or North America for injection molding.

Important attributes of Taitarex® 861N / B are:

Flame Rated

Clarity

Good Dimensional Stability

Good Processability

Heat Resistant

Typical applications include:

Appliances

Consumer Goods

Electrical/Electronic Applications

Household Applications

General Information			
UL YellowCard	E50263-538177		
Features	Good Dimensional Stability		
	Good Processability		
	High Clarity		
	High Heat Resistance		
	Low Residuals		
Uses	Appliances		
	Audio Tapes		
	Household Goods		
	Toys		
UL File Number	E50263		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C, 3.18 mm)	44.1	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ² (23°C)	14	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature ³	100	°C	ASTM D1525 ⁴
Flammability	Nominal Value		Test Method

Flame Rating (1.59 mm)	HB	UL 94
Optical	Nominal Value	Unit
Haze (2800 μm)	0.40	%
Additional Information	Nominal Value	Unit
Residual Monomer - SM	< 200	ppm
NOTE		
1.	5.0 mm/min	
2.	1/4"x1/2"x5/2"	
3.	3 mm thick	
4.	Rate B (120°C/h), Loading 1 (10 N)	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT