

Starex NH-0925U

Acrylonitrile Butadiene Styrene
LOTTE ADVANCED MATERIALS CO., LTD.

Message:

Starex NH-0925U is an acrylonitrile butadiene styrene (ABS) product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Starex NH-0925U applications include housing and commercial/office supplies.
Features include:
flame retardant/rated flame
Flame Retardant

General Information			
UL YellowCard	E115797-219549		
Features	Flame retardancy		
Uses	Business equipment		
	Shell		
Physical	Nominal Value	Unit	Test Method
Specific Gravity (Natural)	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.30 - 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	45.0	MPa	ASTM D638
Tensile Elongation ² (Break)	25	%	ASTM D638
Flexural Modulus ³	2100	MPa	ASTM D790
Flexural Strength ⁴	65.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	83.0	°C	ASTM D648
Vicat Softening Temperature	93.0	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.75 mm	V-2		UL 94
1.5 mm	V-2		UL 94
2.5 mm	V-2		UL 94
3.0 mm	V-2		UL 94
Injection	Nominal Value	Unit	
Drying Temperature			
--	80	°C	

Hot air dryer	80	°C
Drying Time		
--	2.0 - 4.0	hr
Hot air dryer	2.0 - 3.0	hr
Suggested Max Moisture	< 0.050	%
Rear Temperature	160 - 180	°C
Middle Temperature	190 - 200	°C
Front Temperature	210 - 220	°C
Nozzle Temperature	230	°C
Mold Temperature	40 - 80	°C
Injection Pressure	49.0 - 147	MPa
Back Pressure	0.490 - 1.96	MPa
Screw Speed	50 - 150	rpm

NOTE

- | | |
|----|------------|
| 1. | 5.0 mm/min |
| 2. | 5.0 mm/min |
| 3. | 2.8 mm/min |
| 4. | 2.8 mm/min |

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

