

Staramide PX08000

Polyamide 6
Eurostar Engineering Plastics

Message:

Staramide PX08000 is an Impact Modified Polyamide 6 Injection Molding Resin (also known as Star X 2006)

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow (4.00 mm)	1.4	%	Internal Method
Water Absorption (23°C, 24 hr)	2.2	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2/1
Tensile Stress (Break)	44.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.9	%	ISO 527-2/50
Flexural Modulus ¹	1900	MPa	ISO 178
Flexural Stress	78.0	MPa	ISO 178
Flexural Strain at Break ²	6.7	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	10	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	No Break		ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵			
0.45 MPa, Unannealed, 64.0 mm Span	151	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	57.0	°C	ISO 75-2/Af
CLTE			ISO 11359-2
Flow : 23 to 60°C	1.0E-4	cm/cm/°C	
Transverse : 23 to 60°C	9.9E-5	cm/cm/°C	
Injection	Nominal Value	Unit	
Drying Temperature	75.0 to 85.0	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.20	%	
Hopper Temperature	60.0 to 80.0	°C	
Middle Temperature	230 to 240	°C	
Front Temperature	240 to 250	°C	
Processing (Melt) Temp	240 to 250	°C	
Mold Temperature	60.0 to 90.0	°C	

NOTE	
1.	2.0 mm/min
2.	2.0 mm/min
3.	80*10*4
4.	80*10*4
5.	80*10*4

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

