

# Nylene® 402

Polyamide 6

Custom Resins Group

Message:

Offers outstanding toughness and flexibility.

Exhibits excellent flow properties at temperature and pressure settings suitable for a wide variety of general purpose molding applications

Optimum processing conditions should provide a melt temperature of 450°F-470°F at nozzle.

General Information			
Features	General Purpose		
	Good Flexibility		
	Good Flow		
	Good Toughness		
Uses	General Purpose		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	51.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	300	%	ASTM D638
Flexural Modulus (23°C)	1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	160	°C	
1.8 MPa, Unannealed	56.1	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	232 to 243	°C	

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