

SCHULAMID® 6 NV SI

Polyamide 6
A. Schulman Europe

Message:
Low viscosity Polyamide 6 Compound

General Information			
Processing Method	Injection Molding		
Resin ID (ISO 1043)	PA6		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2850	MPa	ISO 527-2/1A/1
Tensile Stress			ISO 527-2/1A/50
Yield	73.0	MPa	
Break	65.0	MPa	
Tensile Strain (Yield)	4.2	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	9.0	%	ISO 527-2/1A/50
Flexural Modulus ¹	2650	MPa	ISO 178
Flexural Stress ²			ISO 178
3.5% Strain	85.0	MPa	
6.4% Strain	104	MPa	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.4	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	135	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	215	°C	ISO 306/A50
--	190	°C	ISO 306/B50
NOTE			
1.	2.0 mm/min		
2.	2.0 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

