

STRATOR® A-3XC

Polyamide 66

EPIC Polymers

Message:

STRATOR® A-3XC is a Polyamide 66 (Nylon 66) product filled with 30% long carbon fiber. It is available in Europe.

Characteristics include:

Good Processability

Heat Stabilizer

General Information			
Filler / Reinforcement	Long Carbon Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Processability		
	Heat Stabilized		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.28	g/cm³	ISO 1183
Molding Shrinkage - Flow	0.25	%	ISO 294-4
Water Absorption (Equilibrium, 23°C, 50% RH)	1.7	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	24000	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	330	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.0	%	ISO 527-2
Flexural Modulus (23°C)	22500	MPa	ISO 178
Flexural Stress (23°C)	450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	18	kJ/m²	ISO 179
Charpy Unnotched Impact Strength (23°C)	55	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	255	°C	ISO 75-2/B
1.8 MPa, Unannealed	250	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.10	%	
Rear Temperature	270 to 300	°C	

Middle Temperature	270 to 300	°C
Front Temperature	285 to 310	°C
Nozzle Temperature	285 to 320	°C
Processing (Melt) Temp	< 310	°C
Mold Temperature	80.0 to 170	°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

