

TECACOMP® PA6 CSM grey 3824

Polyamide 6
Ensinger GmbH

Message:

TECACOMP®PA6 CSM gray 3824 is a polyamide 6 (nylon 6) product. It can be processed by injection molding and is available in Europe. The main characteristics are: flame retardant/rated flame.

General Information			
Appearance	Dark gray		
Forms	Particles		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	
Density	3.85	g/cm³	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3800	MPa	ISO 527-2/50
Tensile Stress	38.0	MPa	ISO 527-2/50
Tensile Strain (Break)	3.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	15	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	40.0	°C	DIN 53765
Melting Temperature	220	°C	DIN 53765
Service Temperature			
long term	100	°C	
short term	180	°C	
Electrical Conductivity	100000	S/m	ISO 3915
Flammability	Nominal Value		Test Method
Flammability Classification	HB		IEC 60695-11-10, -20
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	2.0 - 3.0	hr	
Processing (Melt) Temp	220 - 245	°C	
Mold Temperature	90 - 100	°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

