

TULAMID® PA-SV15-LT1

Polyamide 6
UCC Shchekinoazot

Message:

Polyamide 6 glass-filled is an engineering plastic based on thermoplastic polymer - polyamide 6 - and fiber glass that changes its properties. Polyamide 6 glass-filled moulding is also produced heat treated.

Application

Polyamide 6 glass-filled is used for production of machine components, high-tech, industrial and consumer products.

General Information		
Filler / Reinforcement	Glass Fiber,15% Filler by Weight	
Additive	Heat Stabilizer	
Features	Heat Stabilized	
	Non-Toxic	
Uses	Consumer Applications	
	Industrial Applications	
	Machine/Mechanical Parts	
Forms	Granules	
Processing Method	Injection Molding	
Physical	Nominal Value	Unit
Density	1.20 to 1.25	g/cm ³
Molding Shrinkage - Flow	0.40 to 1.3	%
Particle Size Distribution - 2-5 mm	> 97	%
Mechanical	Nominal Value	Unit
Tensile Strength		
Across Flow : Break	> 152	MPa
--	> 102	MPa
Tensile Elongation (Break)	3.0	%
Flexural Modulus	> 4500	MPa
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength	> 20	kJ/m ²
Thermal	Nominal Value	Unit
Melting Temperature	210 to 230	°C
Electrical	Nominal Value	Unit
Surface Resistivity	> 1.0E+13	ohms
Volume Resistivity	> 1.0E+13	ohms · cm
Dielectric Strength	> 20	kV/mm

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

