

# TULAMID® PA-SV20

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.  
Application  
Polyamide 6 glass-filled is applied for production of machine components, high-tech, industrial and consumer products by means of moulding.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Non-Toxic		
Uses	Consumer Applications		
	Industrial Applications		
	Machine/Mechanical Parts		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Density	1.25 to 1.31	g/cm³	Internal Method
Molding Shrinkage - Flow	0.50 to 0.80	%	Internal Method
Particle Size Distribution - 2-5 mm	> 97	%	
Hardness	> 137	MPa	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			Internal Method
Across Flow : Break	> 150	MPa	
--	> 120	MPa	
Tensile Elongation (Break)	> 3.0	%	Internal Method
Flexural Modulus	> 4500	MPa	Internal Method
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	> 35	kJ/m²	Internal Method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	210 to 230	°C	Internal Method
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+13	ohms	Internal Method
Volume Resistivity	> 1.0E+13	ohms · cm	Internal Method
Dielectric Strength	> 20	kV/mm	Internal Method

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

