

TULAMID® PA-IR

Polyamide 6
UCC Shchekinoazot

Message:

Polyamide 6 glass-filled impact-resistant is an engineering plastic based on thermoplastic polymer - polyamide 6 - and fiber glass that changes its properties.

Application

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

General Information		
Features	High Impact Resistance	
	Non-Toxic	
Uses	Consumer Applications	
	Industrial Applications	
	Machine/Mechanical Parts	
Forms	Granules	
Physical	Nominal Value	Unit
Density	1.05 to 1.15	g/cm ³
Molding Shrinkage - Flow	1.5 to 2.5	%
Particle Size Distribution - 2-5 mm	> 97	%
Mechanical	Nominal Value	Unit
Tensile Strength		
Across Flow : Break	> 80.0	MPa
--	> 60.0	MPa
Tensile Elongation (Break)	> 20	%
Impact	Nominal Value	Unit
Charpy Unnotched Impact Strength	No Break	
Thermal	Nominal Value	Unit
Melting Temperature	205 to 225	°C
Electrical	Nominal Value	Unit
Dielectric Strength	> 20	kV/mm

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