

TES J-70/30

Polyamide 66 Alloy

Techmer Engineered Solutions

Message:

TES J-70/30 is a Polyamide 66 Alloy (Nylon 66 Alloy) product filled with glass fiber. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: rohs compliant.

General Information			
Filler / Reinforcement	Glass Fiber		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.30	%	ASTM D955
Water Absorption (24 hr)	0.31	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	138	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.5	%	ASTM D638
Flexural Modulus (23°C)	7580	MPa	ASTM D790
Flexural Strength (Break, 23°C)	193	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	120	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	246	°C	ASTM D648

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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



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