

TES J-4/30/VO

Polyamide 612

Techmer Engineered Solutions

Message:

Molding Parameters:

The dry temperature at 16 hours is 165°F.

For 2-zone machines, the rear temperature is 510-540°F, and the front temperature is 500-530°F.

General Information			
UL YellowCard	E253782-484564		
Filler / Reinforcement	Glass Fiber		
Additive	Flame Retardant		
Features	Flame Retardant		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.20	%	ASTM D955
Water Absorption (24 hr)	0.16	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	6890	MPa	ASTM D638
Tensile Strength (Break, 23°C)	131	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.5	%	ASTM D638
Flexural Modulus (23°C)	8620	MPa	ASTM D790
Flexural Strength (Break, 23°C)	193	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	207	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (1.59 mm)	V-0	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	254 to 271	°C	
Middle Temperature	271 to 288	°C	
Front Temperature	260 to 282	°C	
Nozzle Temperature	249 to 288	°C	
Processing (Melt) Temp	249 to 277	°C	

Mold Temperature

60.0 to 82.2

°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

