


Stanyl® ForTii™ JTX1

PA4T-GF30 FR(40)

DSM Engineering Plastics

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	12000 / -	MPa	ISO 527-1/-2
Stress at break	155 / -	MPa	ISO 527-1/-2
Strain at break	2 / -	%	ISO 527-1/-2
Thermal properties			
ISO Data			
Melting temperature (10°C/min)	325 / *	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	125 / *	°C	ISO 11357-1/-2
Electrical properties			
ISO Data			
Relative permittivity, 100Hz	4.2 / 4.2	-	IEC 60250
Relative permittivity, 1MHz	3.9 / 3.9	-	IEC 60250
Dissipation factor, 100Hz	64 / 64	E-4	IEC 60250
Dissipation factor, 1MHz	176 / 176	E-4	IEC 60250
Volume resistivity	>1E13 / -	Ohm*m	IEC 60093
Surface resistivity	* / >1E15	Ohm	IEC 60093
Electric strength	33 / 33	kV/mm	IEC 60243-1
Comparative tracking index	600 / -	-	IEC 60112
Other properties			
ISO Data			
Density	1460 / -	kg/m³	ISO 1183
Characteristics			
Processing		Special Characteristics	
Injection Molding		Flame retardant	
Delivery form			
Granules			