

Tufnyl[®] RXXIC Natural

PA66

Unreinforced, Injection Molding

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage (parallel)	1.8 / *	%	ISO 294-4
Molding shrinkage (normal)	1.8 / *	%	ISO 294-4
MECHANICAL PROPERTIES	DRY / COND		
Stress at break	75 / –	MPa	ISO 527-1/-2
Strain at break	15 / –	%	ISO 527-1/-2
Flexural modulus	2500 / –	MPa	ISO 178
Flexural strength	110 / –	MPa	ISO 178
Izod notched impact strength (+23°C)	5 / –	kJ/m ²	ISO 180/1A
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	55 / *	°C	ISO 75-1/-2
OTHER PROPERTIES	DRY / COND		
Density	1140 / –	kg/m ³	ISO 1183

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