

Tufnyl™ RXXIC BLACK

PA66

Injection Molding

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage [parallel]	1.7 / *	%	Sim. to ISO 294-4
Molding shrinkage [normal]	1.9 / *	%	Sim. to ISO 294-4
MECHANICAL PROPERTIES	DRY / COND		
Stress at break	70 / –	MPa	ISO 527-1/-2
Strain at break	5 / –	%	ISO 527-1/-2
Flexural modulus	2500 / –	MPa	ISO 178
Flexural strength	100 / –	MPa	ISO 178
Izod notched impact strength (+23°C)	4.5 / –	kJ/m²	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	1130 / –	kg/m³	ISO 1183

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