Property Data (Provisional)

Envalior
Imagine the Future

Tufnyl™ RB30W1 Black

PA66–GF30

Heat Stabilized, 30% Glass Fiber Reinforced

Print Date: 2026–02–27

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage [parallel]	0.2 / *	%	Sim. to ISO 294–4
Molding shrinkage [normal]	1 / *	%	Sim. to ISO 294–4
MECHANICAL PROPERTIES	DRY / COND		
Stress at break	185 / –	MPa	ISO 527–1/–2
Strain at break	2.5 / –	%	ISO 527–1/–2
Flexural modulus	8800 / –	MPa	ISO 178
Flexural strength	270 / –	MPa	ISO 178
Izod notched impact strength (+23°C)	11 / –	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)	250 / *	°C	ISO 75–1/–2
OTHER PROPERTIES	DRY / COND		
Density	1360 / –	kg/m³	ISO 1183
Ash content	30	%	ISO 3451

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