Property Data (Provisional)

Envalior
Imagine the Future

Tufnyl™ RB30F5 Natural

(PA66+PTFE)–GF30

Injection Molding, Wear and Friction Modified, 30% Glass Fiber Reinforced

Print Date: 2026–04–16

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES	DRY / COND		
Stress at break	160 / –	MPa	ISO 527–1/–2
Strain at break	3.5 / –	%	ISO 527–1/–2
Flexural modulus	8000 / –	MPa	ISO 178
Flexural strength	240 / –	MPa	ISO 178
Izod notched impact strength (+23°C)	9 / –	kJ/m²	ISO 180/1A
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	260 / *	°C	ISO 11357–1/–3
OTHER PROPERTIES	DRY / COND		
Density	1500 / –	kg/m³	ISO 1183
Ash content	30	%	ISO 3451