

Akulon[®] N24–G3

PA6–GF15

15% Glass Reinforced

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage (parallel)	0.5 / *	%	ISO 294–4
Molding shrinkage (normal)	0.9 / *	%	ISO 294–4
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	6150 / –	MPa	ISO 527–1/–2
Stress at break	125 / –	MPa	ISO 527–1/–2
Strain at break	3.1 / –	%	ISO 527–1/–2
Charpy impact strength (+23°C)	35 / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6.5 / –	kJ/m ²	ISO 179/1eA
Izod notched impact strength (+23°C)	6 / –	kJ/m ²	ISO 180/1A
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	190 / *	°C	ISO 75–1/–2
Temp. of deflection under load (0.45 MPa)	210 / *	°C	ISO 75–1/–2
OTHER PROPERTIES	DRY / COND		
Density	1240 / –	kg/m ³	ISO 1183