

Akulon[®] Fuel Lock FLX–LP (K–X08836)

PA6–I

Injection Molding

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	1450 / –	MPa	ISO 527–1/–2
Stress at break	40 / –	MPa	ISO 527–1/–2
Nominal strain at break	>50 / –	%	ISO 527–1/–2
Yield stress	37 / –	MPa	ISO 527–1/–2
Yield strain	4.4 / –	%	ISO 527–1/–2
Charpy notched impact strength (+23°C)	100 / –	kJ/m ²	ISO 179/1eA
Charpy notched impact strength (–30°C)	80 / –	kJ/m ²	ISO 179/1eA
OTHER PROPERTIES	DRY / COND		
Density	1040 / –	kg/m ³	ISO 1183