

Akulon[®] K224–PGC62

PA6–I–(GF+CF)40

30% Glass Reinforced, Impact Modified

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	15000 / –	MPa	ISO 527–1/–2
Stress at break	170 / –	MPa	ISO 527–1/–2
Strain at break	3.3 / –	%	ISO 527–1/–2
Flexural modulus	13600 / –	MPa	ISO 178
Charpy impact strength (+23°C)	78 / –	kJ/m²	ISO 179/1eU
Charpy impact strength (–30°C)	79 / –	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	21 / –	kJ/m²	ISO 179/1eA
Charpy notched impact strength (–30°C)	14 / –	kJ/m²	ISO 179/1eA
ELECTRICAL PROPERTIES	DRY / COND		
Surface resistivity	– / 4800	Ohm	IEC 62631–3–2
OTHER PROPERTIES	DRY / COND		
Density	1400 / –	kg/m³	ISO 1183
Ash content	32	%	ISO 3451

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