

Akulon[®] AKV15H2.0FN04UF

PA66—GF15 FR(40)

15% Glass Reinforced, Halogen free and free of red phosphorous

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES			
	DRY / COND		
Tensile modulus	6800 / —	MPa	ISO 527-1/-2
Stress at break	115 / —	MPa	ISO 527-1/-2
Strain at break	3.1 / —	%	ISO 527-1/-2
Charpy impact strength (+23°C)	43 / —	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5.1 / —	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
	DRY / COND		
Melting temperature (10°C/min)	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	230 / *	°C	ISO 75-1/-2
Burning Behav. at 3.0 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
OTHER PROPERTIES			
	DRY / COND		
Density	1290 / —	kg/m ³	ISO 1183

