

Akulon[®] AKV15H2.0FN04UF

PA66–GF15 FR(40)

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

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
MECHANICAL PROPERTIES			
	<i>DRY / COND</i>		
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			
	<i>DRY / COND</i>		
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			
	<i>DRY / COND</i>		
Density	1290 / –	kg/m ³	ISO 1183