

Akulon[®] K122

PA6

Low Viscosity, Neat resin, Food Contact Quality

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	2700 / –	MPa	ISO 527-1/-2
Yield stress	80 / –	MPa	ISO 527-1/-2
Yield strain	4.2 / –	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5 / –	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES	DRY / COND		
Water absorption	9.5 / *	%	Sim. to ISO 62
Humidity absorption	2.5 / *	%	Sim. to ISO 62
Density	1130 / –	kg/m ³	ISO 1183
MATERIAL SPECIFIC PROPERTIES	DRY / COND		
Viscosity number	132 / *	cm ³ /g	ISO 307, 1157, 1628