

# Akulon® K122/F

## PA6

Low Viscosity, Food Contact Quality

Print Date: 2019-10-02

Properties	Typical Data	Unit	Test Method
<b>Mechanical properties</b>			
	dry / cond		
Tensile modulus	2300 / -	MPa	ISO 527-1/-2
Yield stress	80 / -	MPa	ISO 527-1/-2
Yield strain	5 / -	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	4 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
	dry / cond		
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
<b>Other properties</b>			
	dry / cond		
Water absorption	9.5 / *	%	Sim. to ISO 62
Humidity absorption	2.5 / *	%	Sim. to ISO 62
Density	1130 / -	kg/m <sup>3</sup>	ISO 1183
<b>Material specific properties</b>			
	dry / cond		
Viscosity number	132 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628