

Akulon[®] Ultraflow K—FP8—FC

PA6—I

Food Contact Quality, High Impact

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	DRY / COND		
Molding shrinkage (parallel)	1.6 / *	%	ISO 294-4
Molding shrinkage (normal)	1.7 / *	%	ISO 294-4
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	1000 / —	MPa	ISO 527-1/-2
Nominal strain at break	>50 / —	%	ISO 527-1/-2
Yield stress	35 / —	MPa	ISO 527-1/-2
Yield strain	6 / —	%	ISO 527-1/-2
Flexural modulus	1040 / —	MPa	ISO 178
Flexural strength	35 / —	MPa	ISO 178
Charpy impact strength (+23°C)	N / —	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	100 / —	kJ/m ²	ISO 179/1eA
OTHER PROPERTIES	DRY / COND		
Density	1010 / —	kg/m ³	ISO 1183

