

K-FKG12

PA6-GF60

Print Date: 2019-06-05

60% Glass reinforced, Heat stabilized, High Flow

Properties	Typical Data	Unit	Test Method
Rheological properties			
	Value		
Molding shrinkage [parallel]	0.2	%	Sim. to ISO 294-4
Molding shrinkage [normal]	0.8	%	Sim. to ISO 294-4
Mechanical properties			
	Value		
Tensile modulus	20000	MPa	ISO 527-1/-2
Stress at break	235	MPa	ISO 527-1/-2
Nominal strain at break	2.2	%	ISO 527-1/-2
Flexural modulus	19500	MPa	ISO 178
Flexural strength	365	MPa	ISO 178
Charpy impact strength (+23°C)	90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	kJ/m ²	ISO 179/1eA
Thermal properties			
	Value		
Melting temperature (10°C/min)	220	°C	ISO 11357-1/-3
Other properties			
	Value		
Water absorption	3.6	%	Sim. to ISO 62
Density	1700	kg/m ³	ISO 1183