

# KEPITAL TX-31

**An easy flowing grade for general injection molding. It is suitable for use requiring reduced noise and a good friction & wear resistance without sacrificing mechanical properties.**

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,39
	Melt Flow Rate		ISO 1133	g/10min	30
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	2
Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C	89
	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	56
	Flexural Strength	23°C	ISO 178	MPa	80
	Flexural Modulus	23°C	ISO 178	MPa	2400
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	7
	Nominal Strain at Break	23°C	ISO 527-1,2	%	35
Electrical	Surface Resistivity		IEC 60093	Ω	1• 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω • cm	1• 10 <sup>14</sup>
	Dielectric Strength		IEC 60243-1	kV /mm	18