

KEPITAL TX-21

A medium low viscosity grade for general injection molding. It is suitable for use requiring reduced wear noise, and a good friction & wear resistance without sacrificing mechanical properties.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,39
	Melt Flow Rate		ISO 1133	g/10min	16
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	2
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	58
	Flexural Strength	23°C	ISO 178	MPa	79
	Flexural Modulus	23°C	ISO 178	MPa	2350
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	7,5
	Nominal Strain at Break	23°C	ISO 527-1,2	%	33
Electrical	Surface Resistivity		IEC 60093	Ω	1 • 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω • cm	1 • 10 ¹⁴