

# KEPITAL NX-20

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

	Properties	Test condition	Method	Unit	Value
Various	Molding shrinkage	parallel	ISO 294-4	%	2
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,37
	Melt Flow Rate		ISO 1133	g/10min	13
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	55
	Flexural Strength	23°C	ISO 178	MPa	76
	Flexural Modulus	23°C	ISO 178	MPa	2.350
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	5
	Tensile Elongation	23°C	ISO 527-1,2	%	23
Electrical	Surface Resistivity		IEC 60093	Ω	1x 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω • cm	1x 10 <sup>14</sup>