

KEPITAL NX-20 LOF

A friction and wear resistance 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
Various	Molding shrinkage	parallel	ISO 294-4	%	2
Physical	Density		ISO 1183	g/cm ³	1,38
	Melt Flow Rate		ISO 1133	g/10min	13
Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C	90
	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	55
	Strain at Break	23°C	ISO 527-1,2	%	18
	Flexural Strength	23°C	ISO 178	MPa	76
	Flexural Modulus	23°C	ISO 178	MPa	2,35
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	3,4
Electrical	Surface Resistivity		IEC 60093	Ω	1• 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω • cm	1• 10 ¹⁴