

# Kepital WX-30 LOF BK

A friction and wear resistance grade for general injection molding

It is suitable for use requiring reduced wear noise and good friction & wear resistance

Also, it is filled with mineral and so suitable for parts requiring dimensional stability

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,52
	Melt Flow Rate		ISO 1133	g/10min	18
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	1,8
	Thermal	Flammability		UL94	Class
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	42
	Flexural Strength	23°C	ISO 178	MPa	66
	Flexural Modulus	23°C	ISO 178	MPa	2300
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	3,2
	Nominal Strain at Break	23°C	ISO 527-1,2	%	12
Electrical	Surface Resistivity		IEC 60093	□	1□ 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	□ □ cm	1□ 10 <sup>14</sup>
	Dielectric Strength		IEC 60243-1	kV /mm	18

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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