

Kepital ET-20S

A medium viscosity grade for general injection molding. It was modified with electrically conductive carbon black, and so suitable for parts requiring electric conductivity.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,38
	Melt Flow Rate		ISO 1133	g/10min	11,5
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	1,6
	Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C
Flammability			UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	40
	Flexural Strength	23°C	ISO 178	MPa	67
	Flexural Modulus	23°C	ISO 178	MPa	2.650
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	4
	Nominal Strain at Break	23°C	ISO 527-1,2	%	12
Electrical	Surface Resistivity		IEC 60093	Ω	1x 10 ³