

VAMPAMID 66 3054 VO

PA66 resin 30% mixed glass and mineral filled, flame retarded with halogens for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,59
Linear Mould Shrinkage	-	ASTM D-955	%	0,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,6
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	225
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	215
Long Term Temperature	-	Internal Method	°C	140
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	4,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	35
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	100
Elongation at Break	23 °C	ISO-527/1-2	%	2,2
Tensile Modulus	23 °C	ISO-527/1-2	MPa	7500
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	VO
Thickness 1,6 mm	-	UL 94	-	VO
Thickness 0,8 mm	-	UL 94	-	VO
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960
GWIT (2 mm)	-	IEC 60695-2-13	°C / mm	775

