

VAMPAMID 66 2525 VO

PA66 resin 25% mineral filled, flame retarded with halogens
for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,53
Linear Mould Shrinkage	-	ASTM D-955	%	0,7
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,7
THERMAL PROPERTIES				
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	145
Long Term Temperature	-	Internal Method	°C	120
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	3
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	20
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	55
Elongation at Break	23 °C	ISO-527/1-2	%	2,2
Tensile Modulus	23 °C	ISO-527/1-2	MPa	6000
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	V0
Thickness 1,6 mm	-	UL 94	-	V0
Thickness 0,8 mm	-	UL 94	-	V0
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960

