

DENISTAT M 00U 09 E

POM resin, unfilled, dissipative, extrusion grade



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,37
MVR (190°C/5 kg)	-	ISO-1133	cm ³ /10 min	8
Linear Mould Shrinkage	-	ASTM D-955	%	2,3
Trasversal Mould Shrinkage	-	ASTM D-955	%	2,3
Water Adsorption	23°C-24h	ASTM D-570	%	0,8
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	145
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	80
Long Term Temperature	-	Internal Method	°C	80
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	10
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	45
Elongation at Break	23 °C	ISO-527/1-2	%	>25
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2100
Flexural Strength	23 °C	ASTM D-790	MPa	75
Flexural Modulus	23 °C	ASTM D-790	MPa	2000
ELECTRICAL PROPERTIES				
Surface Resistivity	-	ASTM D257	Ohm	10 ⁹