DENYL 6 0037 H

PA6 resin unfilled, impact modified for injection moulding

PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm^3	1,10
Water Adsorption	23°C-24h	ASTM D-570	%	2,2
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	190
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	55
Long Term Temperature	-	Internal Method	°C	90
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m^2	12
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m^2	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	60
Elongation at Break	23 °C	ISO-527/1-2	%	>50
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2500
ELECTRICAL PROPERTIES				
Comparative Tracking Index	-	IEC 60112	V	600