DENYL 6 0037 ST

PA6 resin unfilled, impact modified for injection moulding

PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm^3	1,06
Water Adsorption	23°C-24h	ASTM D-570	%	2,2
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	160
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	50
Long Term Temperature	-	Internal Method	°C	70
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m^2	60
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m^2	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	40
Elongation at Break	23 °C	ISO-527/1-2	%	>100
Tensile Modulus	23 °C	ISO-527/1-2	MPa	1600
Flexural Strength	23 °C	ASTM D-790	MPa	60
Flexural Modulus	23 °C	ASTM D-790	MPa	1500
ELECTRICAL PROPERTIES				
Comparative Tracking Index	-	IEC 60112	V	600