

TECHNICAL DATA SHEET

DAUNYL® 66 AV NATURAL

PROPERTIES	TEST METHOD	UNITS	VALUE
Density	ISO 1183	g/cm ³	1,14
Water Absorption (23°C - 24h)	ISO 62	%	2,6
Mold Shrinkage	ISO 294-4	%	1,3 - 1,7
VICAT A (9,8 N)	ISO 306	°C	250
H.D.T. (1,81MPa)	ISO 75-2	°C	75
Continuous Use Temperature (20.000 h)	IEC 60216	°C	90
Heat Resistance/Ball Test	IEC 60695-10-2	°C	>165
Tensile Strength at Yield	ISO 527	MPa	85
Tensile Modulus	ISO 527	MPa	3100
Tensile Strain at Break	ISO 527	%	30
Tensile Strain at Yield	ISO 527	%	4,5
IZOD (Notched Impact Strength 23°C)	ISO 180/A	KJ/m ²	6
Comparative Tracking Index (CTI)	IEC 60112	V	600
Flammability (1,6 mm - 3,2 mm)	UL 94		V2
Glow Wire Flammability Index (GWFI - 2 mm)	IEC 60695-2-12	°C	960
Glow Wire Ignition Temperature (2 mm)	IEC 60695-2-13	°C	725

MOLDING CONDITIONS	
Drying Temperature	≥ 3 h / 80 - 90°C
Molding Temperature	260 - 290°C
Mold Temperature	70 - 90°C

DAUNYL® 66 AV NATURAL is a polyamide 66 standard viscosity in natural color.
It is suitable for the molding of technical items that need fast cycles and a good processability.

The information contained herein are supplied in good faith and given purely as an indication. Properties should be carefully evaluated for all projects requirements. Unless otherwise posted this product is not suitable for food and/or medical application and use. They shall not be considered in any way as a formal commitment or warranty on our part especially in case of improper use of our products from third parties.