

## TECHNICAL DATA SHEET

### **DAUNYL® A R300**

PROPERTIES	TEST METHOD	UNITS	VALUE
Density	ISO 1183	g/cm <sup>3</sup>	1,36
Water Absorption (23°C - 24h)	ISO 62	%	1,7
Mold Shrinkage	ISO 294-4	%	0,3 – 0,7
VICAT A (9,8 N)	ISO 306	°C	255
H.D.T. (0,45 MPa)	ISO 75-2	°C	250
H.D.T. (1,81 MPa)	ISO 75-2	°C	245
Heat Resistance (Ball Test)	IEC 335-1	°C	>165
Continuous Use Temperature (20.000 h)	IEC 60216	°C	120
Tensile Modulus	ISO 527	MPa	9800
Tensile Strength at Break	ISO 527	MPa	185
Tensile Strain at Break	ISO 527	%	2,5
IZOD (Notched Impact Strength 23°C)	ISO 180/A	KJ/m <sup>2</sup>	12
Flammability (1,6 mm - 3,2 mm)	UL 94		HB
Glow Wire Flammability Index (GWFI - 2 mm)	IEC 60695-2-12	°C	650
Comparative Tracking Index (CTI)	IEC 60112	V	600

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

**DAUNYL® A R300** is a polyamide 66 reinforced with 30% of glass fibers for injection moulding. Available in natural, black and colored.

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.