



# NYLON 12 - CARBONE

## MATERIAL DATA SHEET

### Material Data Sheet: Polyamide Chargé CARBONE

Property	Value	Test Method - ISO
Density	1.00 g/cm <sup>3</sup>	1183
Melting Point	180°C	11357
Tensile Modulus	6000 Mpa	527
Tensile Strength	100 Mpa	527
Impact Strenght	60 kJ/M <sup>2</sup>	179/2 -1eU
Ball indentation Hardness	110 Mpa	2039-1
Heat deflection temp	155°C	75
Thermal Expansion coefficient	0.5 10 <sup>-4</sup> /K	11359
Max Usage Temp Long term	90 - 120°C	2578
Max Usage Temp Short term	150°C	2578D
Dielectric Strength	-	IEC 60243
Specific volume resistivity	10 <sup>3</sup> Ohm	IEC 60243
Flammability	HB	1210
Linear Mould Shrinkage	0.3	294