

# THE PRODUCT

# EcoAllene™ AA00

## Base

- **Certifications**
- × REMADE
- × UNI EN 71-3
- × REACH

\* The storage in the customer's warehouse in conditions of unknown relative humidity can significantly vary this value and therefore, before using EcoAllene, it is suggested to subject the material to a drying phase with hot air at about 90 ° / 2h to bring the humidity conditions back to 100 ppm optimal for processing.

\* The use of food contact and medical material is not allowed.

Properties	Spec	UoM	AA00
Density (Molded Part)	(ISO 1183-1)	g/cm <sup>3</sup>	1,0286
Density (Granulate)	(ISO 1183-1)	g/cm <sup>3</sup>	0,9082
MFR	(ASTM D1238-13)	gr/10 min	2,9
Flexural Mod.	(ASTM D790-17)	MPa	477
Max.Flexural Stress	(ASTM D790-17)	MPa	14,3
Deflection Stress (1,5 thickness)	(ASTM D790-17)	MPa	10,7
Tensile Strenght	(ASTM D638-14)	MPa	295
Strenght at yeld	(ASTM D638-14)	MPa	12,1
Strenght at break	(ASTM D638-14)	MPa	11,6
% elongation at break	(ASTM D638-14)	%	35
Vicat softening Temp.	(ISO 306 Met.A50)	°C	97,2
Shrinkage (parallel)	(ISO 294-4)	%	2,7
Shrinkage (cross)	(ISO 294-4)	%	2,2

