

THE PRODUCT

EcoAllene™ BA40o05AP

Compound PP

- Technical Features

- × Blend with PP post-consumer certified

- Certifications

- × UNI EN 71-9
- × REACH
- × REMADE IN ITALY

* 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	BA40o05AP
Density (Molded Part)	(ISO 1183-1)	g/cm ³	0,9803
Density (Granulate)	(ISO 1183-1)	g/cm ³	0,9280
MFR	(ASTM D1238-13)	gr/10 min	3,6
Flexural Mod.	(ASTM D790-17)	MPa	783
Max.Flexural Stress	(ASTM D790-17)	MPa	23,6
Deflection Stress (1,5 thickness)	(ASTM D790-17)	MPa	18,5
Tensile Strenght	(ASTM D638-14)	MPa	497
Strenght at yield	(ASTM D638-14)	MPa	18,4
Strenght at break	(ASTM D638-14)	MPa	18,2
% elongation at break	(ASTM D638-14)	%	12
Vicat softening Temp.	(ISO 306 Met.A50)	°C	104,8
Shrinkage (parallel)	(ISO 294-4)	%	1,5
Shrinkage (cross)	(ISO 294-4)	%	1,2

