

THE PRODUCT

EcoAllene™ **BA20C05AP**

Compound **PS**

- Technical Features

- × Blend with R-PEHD post-consumer certified

- Certifications

- × 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	BA20C05AP
Density (Molded Part)	(ISO 1183-1)	g/cm ³	1,0346
Density (Granulate)	(ISO 1183-1)	g/cm ³	0,9224
MFR	(ASTM D1238-13)	gr/10 min	3,1
Flexural Mod.	(ASTM D790-17)	MPa	842
Max.Flexural Stress	(ASTM D790-17)	MPa	22,7
Deflection Stress (1,5 thickness)	(ASTM D790-17)	MPa	20,3
Tensile Strenght	(ASTM D638-14)	MPa	444
Strenght at yield	(ASTM D638-14)	MPa	No yield
Strenght at break	(ASTM D638-14)	MPa	13,3
% elongation at break	(ASTM D638-14)	%	7
Vicat softening Temp.	(ISO 306 Met.A50)	°C	98,1
Shrinkage (parallel)	(ISO 294-4)	%	2
Shrinkage (cross)	(ISO 294-4)	%	1,9

