

# THE PRODUCT

EcoAllene™ **BA35H05AP**

Compound **PEHD**

- **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	BA35H05AP
Density (Molded Part)	(ISO 1183-1)	g/cm <sup>3</sup>	0,9972
Density (Granulate)	(ISO 1183-1)	g/cm <sup>3</sup>	0,8548
MFR	(ASTM D1238-13)	gr/10 min	1,1
Flexural Mod.	(ASTM D790-17)	MPa	607
Max.Flexural Stress	(ASTM D790-17)	MPa	17,5
Deflection Stress (1,5 thickness)	(ASTM D790-17)	MPa	13,4
Tensile Strenght	(ASTM D638-14)	MPa	401
Strenght at yield	(ASTM D638-14)	MPa	15,5
Strenght at break	(ASTM D638-14)	MPa	11,8
% elongation at break	(ASTM D638-14)	%	81
Vicat softening Temp.	(ISO 306 Met.A50)	°C	108,8
Shrinkage (parallel)	(ISO 294-4)	%	3,2
Shrinkage (cross)	(ISO 294-4)	%	3,1

