

# THE PRODUCT

EcoAllene™

BA55F03N02AZ | COMPOUND Pa/PP

## - Market Request

- X E Module increase
- X Better flowability
- X Shock improvement

## - Solution

- X Blend with **R-Pa/PP post-consumer certified**
- X Specific compatibilizer
- X Ready to use
- X Colorable
- X Recyclable

\* 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	BA55F03N02AZ
Density (Molded Part)	(ISO 1183-1)	g/cm <sup>3</sup>	1,0183
Density (Granulate)	(ISO 1183-1)	g/cm <sup>3</sup>	0,9740
MFR	(ASTM D1238-13)	gr/10 min	1,0
Flexural Mod.	(ASTM D790-17)	MPa	298
Max.Flexural Stress	(ASTM D790-17)	MPa	10,6
Deflection Stress (1,5 thickness)	(ASTM D790-17)	MPa	7,3
Tensile Strenght	(ASTM D638-14)	MPa	170
Strenght at yield	(ASTM D638-14)	MPa	10,6
Strenght at break	(ASTM D638-14)	MPa	10,3
% elongation at break	(ASTM D638-14)	%	126
Vicat softening Temp.	(ISO 306 Met.A50)	°C	98,3
Shrinkage (parallel)	(ISO 294-4)	%	2,6
Shrinkage (cross)	(ISO 294-4)	%	3,1



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