

THE PRODUCT

EcoAllene™ AA5AY

Compound Metallocene

- **Certifications**
- × REACH

Properties	Spec	UoM	AA05AY
Density (Molded Part)	(ISO 1183-1)	g/cm ³	0,9995
Density (Granulate)	(ISO 1183-1)	g/cm ³	0,9116
MFR	(ASTM D1238-13)	gr/10 min	0,9
Flexural Mod.	(ASTM D790-17)	MPa	553
Max.Flexural Stress	(ASTM D790-17)	MPa	16,7
Deflection Stress (1,5 thickness)	(ASTM D790-17)	MPa	12,8
Tensile Strenght	(ASTM D638-14)	MPa	383
Strenght at yeld	(ASTM D638-14)	MPa	15,1
Strenght at break	(ASTM D638-14)	MPa	12,1
% elongation at break	(ASTM D638-14)	%	68
Vicat softening Temp.	(ISO 306 Met.A50)	°C	108,3
Shrinkage (parallel)	(ISO 294-4)	%	3,1
Shrinkage (cross)	(ISO 294-4)	%	3,1

* 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.



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