



A NATURAL IN COMPOUNDS



Nature offers us surprising possibilities

We produce sustainable
rotomoulding powders



A NATURAL IN COMPOUNDS

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	Article number	Application	Density	MFR (190°C/2, 16 kg)	Tensile Modulus	Tensile stress at yield	Tensile stress at break	Elongation at break	Flexural Modulus	Charpy Impact strength	Vicat softening point	Dry flow rate	Wood fiber reinforced	Mineral filled	Renewable content	Biodegradability	Properties
UNIT			g/cm³	g/10 min	MPa	MPa	MPa	%	MPa	KJ/m²	°C	sec	%	-	-	-	
STANDARD			ISO 1183-1	ISO 1133-1	ISO 527	ISO 527	ISO 527	ISO 527	ISO 527	ISO 179/1eA	ISO 306 B120		-	-	-	EN13432	
ROTOMOULDING																	
Beograde RTM050	9802070050	Rotomoulding	1,175	6,5 - 7	1200	19,3	20,4	298	997	84,4	45 -50	22 - 25			★★★	✓	biodegradable
Beobase PE RTM186	9802100186	Rotomoulding	0,895	3 - 3,5	670	13,9	14,6	605	440	55,1	50 - 55	22 - 25			★★★★		biobased
Beobase PE RTM201	9802100201	Rotomoulding	0,9	4 - 4,5	883	16,8	14,4	727	570,6	20,2	55 - 60	22 - 25			★★★★		biobased
Beosmart PE RTM209 Silver Beosmart PE RTM210 Gold Beosmart PE RTM211 Bronze Beosmart PE RTM202 Ivory Beosmart PE RTM205 Glitters	9802100209 9802100210 9802100211 9802100202 9802100205	Rotomoulding	0,895	7 - 7,5	650	13,7	15,6	511	406,3	72,3	60 - 65	22 - 25					special effects
Beobase 10 PE cotton RTM034 blue	1090020034	Rotomoulding	0,935	2 - 2,5	1030	15,6	10,8	85,6	676,5	12,3	65 - 70	22 - 25					jeans look
Beobase 15 PE RTM170 green	1585020170	Rotomoulding	0,955	4 - 4,5	995	No yield	12,5	11,8	861,8	12,5	65 - 70	22 - 25	✓ ₁₅				wood fiber for visual aspect
Beosmart PE RTM212 sinkable	9802100212	Rotomoulding	1,03	7 - 7,5	746	12,9	15,4	544	485,1	57,1	55 - 60	22 - 25		✓			heavy weight - sinkable
Beosmart EVA RTM541 flexible	9807000541	Rotomoulding	0,92	35 - 40	Too flexible	Too flexible	Too flexible	Too flexible	Too flexible	Too flexible	Too flexible	22 - 25					flexible

For keeping product properties we recommend to store the material in dry conditions below 50°C and protected from UV-light

If you do not find the right Roto grade, we can develop a formulation for your application.
You can find out more about us by visiting our website at: www.beologic.com.
Before using a Roto grade, customers and other users should make their own independent determination that the product is suitable for the intended use.
They should also ensure that they can use the Roto grade product safely and legally. MSDS is available on request.
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