

b4logic

Good plastics. Circular with meaning.

Good plastics.
Circular
with meaning.

Bio-based.
Biodegradable.
Circular.



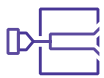
Imagination is the limit.

Processes and Applications

Customized solutions to integrate into your production line.

Biomaterials are developed to suit the different requirements of processing technologies.

Processes and Technologies



Injection



Extrusion



Blow molding



Thermoforming

Application Areas



Consumer goods



Agriculture



Cosmetics



Automotive



Packaging



Textile

Ideal for:

- Shopping bags, fruit and vegetable bags, garbage bags;
- Packaging;
- Covering films and labels;
- Dairy bottles and beverage bottles;
- Containers for phytosanitary products or consumer goods;
- Promotional items;
- Make-up packaging;
- Disposable health and beauty articles.

Technical Datasheets



Injection Molding

Reference	Density (g/cm³)	MVR (cm³/10min)	Melting Temperature (°C)	Young's Modulus (MPa)	Renewable Content (%)
b4slate_I365	1,58	14	110 –140	3220	≈100
b4limestone_I365	1,58	14		3220	
b4wood_I365	1,36	9		3350	
b4coffee_I365	1,38	11		3270	
b4cork_I365	1,37	11		3330	
b4slate_I300	1,65	13	120-150	850	≈35
b4limestone_I300	1,63	13		860	
b4wood_I300	1,37	11		945	
b4coffee_I300	1,39	12		870	
b4cork_I300	1,38	12		930	



Blow Molding and Film Extrusion

Reference	Density (g/cm³)	MVR (cm³/10min)	Melting temperature (°C)	Young's Modulus (MPa)	Renewable Content (%)
b4slate_E365	1,52	4	120-150	230	≈45
b4limestone_E365	1,5	4		240	
b4wood_E365	1,31	3		270	
b4coffee_E365	1,33	3		260	
b4cork_E365	1,29	3		270	



Thermoforming

Reference	Density (g/cm³)	MVR (cm³/10min)	Melting Temperature (°C)	Young's Modulus (MPa)	Renewable Content (%)
b4slate_E300	1,47	5	140-170	2020	≈75
b4limestone_E300	1,44	5		2110	
b4wood_E300	1,27	3		2150	
b4coffee_E300	1,28	3		1990	
b4cork_E300	1,26	4		2040	



What stories do your products tell?

For a circular world
through bio-based plastics.

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