

Polymers and Construction

Omyaloo™ FC

Certified recycled calcium carbonate
for the material science industry



THINKING OF TOMORROW



Omyaloo™ FC

Recycled calcium carbonate for more sustainable products

Calcium carbonate is well known in the material science industry as a mineral modifier, offering different functionalities and optimizing overall cost.

To meet the recent and stringent demand of the material science industry for more recycled materials, Omya has developed a new recycled calcium carbonate

that complies with the EU10/2011 food contact certification, enabling its use in all food contact applications.

For its Omyaloo FC product range, Omya uses highly selected recovered materials that would otherwise be disposed of as waste. As a result, the product has obtained Bureau Veritas

certification as a 100% recycled material.

Thanks to the new and broad product portfolio, currently used mineral fillers can be substituted by Omyaloo FC in many existing extrusion recipes, thereby improving both the sustainability and the recycled content of the final product.



Rigid



Flexible



Rubbers & elastomers



Recycling



Foaming

The product range presented here reflects a current selection of certified offerings. As additional products undergo certification, they are continuously integrated into our portfolio.

Grade selection:

Production plant	Grade name	Recycled	D50 % (µm)	D98 % (µm)	CIE L*
Avenza Italy	Omyaloo 1 FC-AV	100%	1.7	8	98
	Omyaloo 1T FC-AV	100%	1.7	8	98
	Omyaloo 2 FC-AV	100%	2.5	15	98
	Omyaloo 2T FC-AV	100%	2.5	15	98
	Omyaloo 5 FC-AV	100%	5	30	97.5
	Omyaloo 10 FC-AV	100%	10	50	97.5
	Omyaloo 15 FC-AV	100%	15	100	97
	Omyaloo 20 FC-AV	100%	18	50	97
	Omyaloo 30 FC-AV	100%	35	130	96.5
	Omyaloo 50 FC-AV	100%	40	150	96
Vipiteno Italy	Omyaloo 25 FC-SV	100%	28	150	95
	Omyaloo 40 FC-SV	100%	40	200	95
	Omyaloo 160 FC-SV	100%	160	500	92

Production plant	Grade name	Recycled	D50 % (µm)	D98 % (µm)	CIE L*
Blaubeuren, Germany	Omyalooop 15 FC-AL	100%	6	100	93
	Omyalooop 25 FC-AL	100%	21	180	91

Production plant	Grade name	Recycled	D50 % (µm)	D98 % (µm)	CIE L*
Salses, France	Omyalooop 1 FC-SL	>95%	2.2	9	98
	Omyalooop 2 FC-SL	>95%	3.5	15.5	97
	Omyalooop 5 FC-SL	>95%	6.2	25	96.5
	Omyalooop 10 FC-SL	>95%	10.5	45	96.5
	Omyalooop 20 FC-SL	> 95 %	20	80	96
	Omyalooop 25 FC-SL	>95%	27	90	94.5

Production plant	Grade name	Recycled	D50 % (µm)	D98 % (µm)	CIE L*
Pomezi, Czech Republic	Omyalooop 1 FC-PZ	100%	2.1	9.2	97.5
	Omyalooop 1T FC-PZ	100%	2.1	9.6	97
	Omyalooop 2 FC-PZ	100%	2.8	13.4	97.4
	Omyalooop 2T FC-PZ	100%	2.8	13.3	97
	Omyalooop 5 FC-PZ	100%	6	29	97

Production plant	Grade name	Recycled	D50 % (µm)	D98 % (µm)	CIE L*
Voislova, Romania	Omyalooop 1 FC-VO	100%	2.2	10	98
	Omyalooop 1T FC-VO	100%	2.2	10	98
	Omyalooop 2 FC-VO	100%	2.8	12	98
	Omyalooop 2T FC-VO	100%	2.8	12	98
	Omyalooop 5 FC-VO	100%	5.5	27	98
	Omyalooop 25 FC-VO	100%	27.5	175	97.5
	Omyalooop 180 FC-VO	100%	160	500	97

Production plant	Grade name	Recycled	D50 % (µm)	D98 % (µm)	CIE L*
Arboç, Spain	On demand	100%			
Belchite, Spain	On demand	100%			
Purchena, Spain	Omyalooop 2 FC-PU	100%	3	14	97
Soure, Portugal	Omyalooop 1 FC-OU	100%	0.9	4	98.5
	Omyalooop 1T FC-OU	100%	0.9	4	98.5
	Omyalooop 2 FC-OU	100%	1.3	8	98.5
	Omyalooop 2T FC-OU	100%	1.3	8	98.5
	Omyalooop 50 FC-OU	100%	50	100	92
Fátima, Portugal	Omyalooop 1 Extra T FC-PP	100%	1.35	5	98.2
	Omyalooop 2 Extra T FC-PP	100%	2.8	12	98.2
Arandjelovac, Serbia	Omyalooop 25 PC-AJ	25%	26	195	97.5

Production plant	Grade name	Recovered CaCO ₃ content	D50 % (µm)	D98 % (µm)	CIE L*
Gebze, Turkey	Omyalooop 1T PC-GZ	yes	2.3	9	98
	Omyalooop 5 PC-GZ	yes	5.5	27.5	98

Omyaloo™

Recycled calcium carbonate

Advancing circularity worldwide - a network of Omyaloo™ plant locations transforming materials into high value solutions with trusted quality.



Benefits

- ✓ 100% recycled content
- ✓ Meets EU 10/2011 food contact requirements
- ✓ Low LCA (Life Cycle Assessment)
- ✓ ISO 14021 certificate from Bureau Veritas
- ✓ Increases the recycled content of the final product

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Source: Omya International (2026/04)