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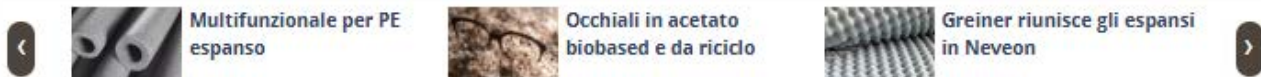


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Sirmax amplia l'offerta di biocompound

Nel catalogo Microtec introdotti quattro nuovi gradi Biocomp per stampaggio ad iniezione, estrusione e termoformatura. Raddoppiata la capacità produttiva.

20 gennaio 2021 16:27



Il compoundatore padovano **Sirmax**, attraverso la controllata **Microtec**, ha ampliato l'offerta di **compound biobased** a marchio **Biocomp** introducendo quattro nuovi gradi specifici per stampaggio ad iniezione ed estrusione/termoformatura: **Biocomp IM 95**, **Biocomp IM 95 CP**, **Biocomp IM DPLA** e **Biocomp IM FLEX**.

Tutti sono basati su **materiali vegetali** con l'aggiunta di **additivi naturali** che assicurano un contenuto di fonte **rinnovabile fino al 100%** (secondo ASTM D 6866), con i quali si possono produrre manufatti compostabili secondo la norma EN 13432, certificati da TUV-Austria "OK **Compost Industrial**". Inoltre, tutti i compound della famiglia **Biocomp** sono idonei per il **contatto con alimenti** secondo le norme UE.

<https://www.polimerica.it/articolo.asp?id=25146>

Quattro nuovi gradi di biocompound per Sirmax

21 gennaio 2021



Sirmax amplia la gamma di **biocompound** a marchio **Biocomp** di **Microtec**, l'azienda acquisita da Sirmax nel 2019. La gamma di **bioplastiche** si è arricchita di 4 nuovi gradi – che si aggiungono a quelli già esistenti – specifici per stampaggio ad iniezione ed estrusione/termoformatura: si tratta di Biocomp IM 95, Biocomp IM 95 CP, Biocomp IM DPLA e Biocomp IM FLEX.

I nuovi gradi sono basati su **formulazione di materiali vegetali** innovativi con l'aggiunta di **additivi naturali** che assicurano un contenuto di fonte rinnovabile "**biobased**" fino al 100% (secondo ASTM D 6866). Le principali caratteristiche dei nuovi gradi sono la facilità di processo tramite **estrusione e stampaggio**, i ridotti tempi di ciclo, anche utilizzando presse standard con viti di plastificazione non dedicate, e l'elevata resistenza alla deformazione al calore con HDT fino a 95 °C (senza processi di pre o post-cristallizzazione).

"Per Microtec questi nuovi prodotti rappresentano l'ingresso in un nuovo campo, quello dello stampaggio a iniezione – spiega **Diego Lombardo, managing director di Microtec** -. Ora siamo in grado di fornire ai nostri clienti anche il compound specifico per la termoformatura. Siamo già operativi".

I 4 nuovi gradi introdotti sono ideati per la produzione di manufatti "usa e getta" o prodotti "semi-durevoli" completamente **biodegradabili e compostabili** secondo la norma **EN 13432**, certificati da TÜV-Austria "OK Compost Industrial". Possono essere usati nei più disparati campi di applicazione: piatti, bicchieri, posate, cannucce, clips per l'agricoltura, penne, spazzolini, vaschette, vasetti, coperchi, capsule da caffè, giocattoli, tappi di chiusura, eccetera. In vista delle nuove e più stringenti normative europee, l'obiettivo è quello di rispondere alle nuove esigenze del mercato, in particolare quello alimentare, individuando soluzioni innovative nell'ottica della sostenibilità. Tutti i biocompound della famiglia Biocomp, infatti, sono ideati a **contatto con alimenti** secondo le norme UE.

Sirmax, inoltre, produce con Microtec una vasta gamma di **prodotti biodegradabili e compostabili** secondo la norma EN 13432 per applicazioni nell'**imballaggio flessibile, sacchetti per la spesa e ortofrutta**, tra cui il recente Biocomp BF 6535, che possiede un contenuto di **materie prime provenienti da fonte rinnovabile** superiore al 60%. Microtec ha da pochi mesi aumentato la capacità produttiva grazie all'ampliamento dello stabilimento, passato da 5.000 a 17.000 metri quadrati totali. Grazie al **raddoppio delle linee di estrusione**, la capacità produttiva è di 16.000 tonnellate/anno.

<https://www.plastmagazine.it/quattro-nuovi-grad-di-biocompound-per-sirmax/>

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Quattro nuovi gradi di biocompound ampliano il portafoglio "green" di Sirmax



Il portafoglio "green" di Sirmax si arricchisce con quattro nuovi gradi di biocompound della famiglia Biocomp di Microtec, società di Mellaredo di Pianiga (Venezia) acquisita nel 2019. I quattro gradi IM 95, IM 95CP, IM DPLA e IM CFLEX sono realizzati con formulazioni di materiali a base vegetale con l'aggiunta di additivi naturali che assicurano un contenuto da fonte rinnovabile fino al 100% (ASTM D 6866) e sono specifici per stampaggio a iniezione, estrusione e termoformatura.

Tra le principali caratteristiche dei nuovi gradi rientrano facilità di processo, ridotti tempi di ciclo anche con presse standard dotate di viti di plastificazione non dedicate ed elevata resistenza alla deformazione al calore (HDT fino a 95° C senza processi di pre o post cristallizzazione). I gradi risultano ideali per la produzione di manufatti "usa e getta" o prodotti "semi durevoli" completamente biodegradabili e compostabili secondo la norma EN 13432, quali piatti, bicchieri, posate, cannucce, clip per l'agricoltura, penne, spazzolini, vaschette, vasetti, coperchi, capsule da caffè, giocattoli, tappi ecc.

In vista delle nuove e più stringenti normative europee, l'obiettivo è quello di rispondere alle nuove esigenze del mercato, in particolare quello alimentare, individuando soluzioni innovative nell'ottica della sostenibilità. Tutti i compound della famiglia Biocomp, infatti, sono ideali al contatto con alimenti secondo le norme UE.

"Per Microtec questi nuovi prodotti rappresentano l'ingresso in un nuovo campo, quello dello stampaggio a iniezione. Ora siamo in grado di fornire ai nostri clienti anche il compound specifico per la termoformatura. Siamo già operativi", ha dichiarato Diego Lombardo, direttore generale di Microtec. L'azienda veneziana ha da pochi mesi ampliato lo stabilimento da 5000 a 17 mila metri quadri totali e raddoppiato le linee di estrusione, portando la capacità produttiva a 16 mila tonnellate all'anno.

<https://www.macplas.it/it/quattro-nuovi-grad-di-biocompound-ampliano-il/20370>

Bio-based News

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27 Januar 2021

New Biocomp® Grades for Sirmax Group

Innovative formulations with a content of renewable biobased source up to 100%



The product portfolio of Sirmax Group is increasingly "green". In the sustainable development context towards which the company has been focusing since some years ago, the range of bio-compound products, with the brand Biocomp® produced by the Company Group Microtec srl, based in Mellaredo di Pianiga (Ve), is expanding. The bioplastics portfolio has been enriched by 4 new grades – which add to the already existent ones – specifically developed for injection molding and extrusion/thermoforming: Biocomp® IM 95, Biocomp® IM 95CP, Biocomp® IM DPLA and Biocomp® IM CFLEX.

The new grades are based on the formulation of innovative plant materials with the inclusion of natural additives which ensure a content of renewable "biobased" sources up to 100% (referencing to ASTM D 6866). The main properties of the new grades are the ease of processing through extrusion and moulding, the limited cycle time, also using standard presses with non-dedicated screws for plasticisation, and the great resistance to deformation due to heat with HDT up to 95 °C (without pre- or post-crystallization processes).

"For Microtec these new products represent the entrance into a new field, the one of injection moulding – explains Diego Lombardo, Microtec managing director -. Now we are able to source our customers with the compound specific to thermoforming, too. We are already operative".

The 4 new grades introduced are suitable to produce "single use" products or "semi-durable" goods which are wholly biodegradable and compostable according to the EN 13432 norm, certified "OK Compost INDUSTRIAL" by TUV-Austria. They can be used in several application fields: plates, glasses, cutlery, straws, clips for agriculture, pens, brushes, trays, jars, lids, coffee capsules, toys, closing caps, and more. In sight of the new and more stringent European regulations, the objective is to respond to the new needs of the market, especially those of the food market, identifying innovative solutions in the perspective of sustainability. All the Biocomp® compounds, indeed, are suitable for the contact with food in accordance with UE norms.

Moreover, Sirmax produces with Microtec a wide range of biodegradable and compostable products with reference to the EN 13432 norm for flexible packaging applications, shopping bags and bags for fruit and vegetables, among which there is the recent Biocomp® BF 6535, which has a content of raw materials from renewable sources higher than 60%. A few months ago, Microtec has improved the productive capacity, with to the expansion of the plant from 5.000 to 17.000 square meter in total. Thanks to the doubling of the extrusion lines, the production capacity is now equal to 16.000 tons per year.

<https://news.bio-based.eu/new-biocomp-grades-for-sirmax-group/>

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20. Jan 2021

Sirmax Group expands green products portfolio



With the addition of four new Biocomp products, produced by Microtec, a group company based in Mellaredo di Pianiga, to its product portfolio, Sirmax Group is continuing on the sustainable course set a number of years ago.

The four new grades, specifically developed for injection molding and extrusion/thermoforming are: Biocomp[®] IM 95, Biocomp[®] IM 95 CP, Biocomp[®] IM DPLA and Biocomp[®] IM FLEX.

The new grades are plant-based and formulated with natural additives and feature up to 100% renewably-sourced content (referencing to ASTM D 6866).

The main properties of the new grades are ease of processing – both by extrusion and moulding; good cycle times, even when using standard presses with non-dedicated screws for plasticisation; and a high resistance to heat deformation, with HDT up to 95°C (without pre- or post-crystallization processes).

The new products represent Microtec's first venture into the injection molding space, said Diego Lombardo, managing director at Microtec. They also allow the company for the first time to supply its thermoforming customers with green compounds.

Microtec has also invested in production capacity: over the past months, the company expanded the plant from 5,000 to 17,000 sq. metres and doubled the number of extrusion lines, boosting its production capacity to 16,000 tons per year.

The four new grades introduced are suitable for the production of “single use” products or “semi-durable” goods which are wholly biodegradable and compostable according to the EN 13432 norm, certified “OK Compost INDUSTRIAL” by TUV-Austria. Applications include plates, glasses, cutlery, straws, clips for agriculture, pens, brushes, trays, jars, lids, coffee capsules, toys, closing caps, and more.

In view of the new and more stringent European regulations, the compounds aim to fill the new needs of the market, especially those of the food market, for innovative, sustainable solutions. All the Biocomp[®] compounds are suitable for food-contact applications in accordance with UE norms.

<https://www.bioplasticsmagazine.com/en/news/meldungen/20210120-Sirmax-Group-expands-green-products-portfolio.php>



Sirmax expands portfolio

Sirmax Group (Cittadella, Italy) has enriched its portfolio by four new grades produced by Microtec (Mellaredo di Pianiga, Italy).

The new grades, specifically developed for injection moulding and extrusion/thermoforming are: Biocomp® IM 95, Biocomp IM 95 CP, Biocomp IM DPLA, and Biocomp IM FLEX.

They are plant-based, formulated with natural additives, and produced with different kinds of biodegradable materials as base such as PLA, PBS, Polysaccharide and natural fibres. The renewably-sourced content is up to 100 % (ASTM D 6866).



The main properties of the new grades are ease of processing, good cycle times – even when using standard equipment – and an HDT of up to 95°C (without pre- or post-crystallization processes).

“The new products represent Microtec’s first venture into the injection moulding space,” said Diego Lombardo, managing director at Microtec. They also allow the company for the first time to supply its thermoforming customers with green compounds.

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Home Technological watch

TECHNOLOGICAL WATCH

New Biocomp® Grades for Sirmax Group - Bio-based News -

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The new grades are based on the formulation of innovative plant materials with the inclusion of natural additives which ensure a content of renewable "biobased" sources up to 100% (referencing to ASTM D 6866). The main properties of the new grades are the ease of processing through extrusion and moulding, the limited cycle time, also using standard presses with non-dedicated screws for plasticisation, and the great resistance to deformation due to heat with HDT up to 95°C (without pre- or post-crystallization processes).

"For Microtec these new products represent the entrance into a new field, the one of injection moulding - explains Diego Lombardo, Microtec managing director - Now we are able to source our customers with the compound specific to thermoforming, too. We are already operative".

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About the Sirmax GroupThe Sirmax Group, with headquarters in Cittadella (Padua), is the leading independent European manufacturer (and among the top global manufacturers) of polypropylene compounds used across all sectors: automotive, household appliances, power tools, household, construction, and furniture. It is also a leading distributor of plastics. Active since the 1960s, today Sirmax boasts 6 production plants in Italy, two in Poland (2006-2019), one in Brazil (2012), two in the USA (2015-2019) and two in India(2017), as well as a sales office in Milan, Italy, and technical sales offices in France, Spain and Germany.

Sirmax has acquired significant market shares in Europe, North and South America and Asia, and has become a global benchmark for the international market. Among its clients are industry-leading firms such as Whirlpool, Bosch Siemens, Electrolux, Karcher, Philips, Honeywell, ABB, Technogym, FCA, Volkswagen Group, Daimler and PSA (Peugeot Citroen Group). In 2020 the Sirmax group consolidated over 300 million Euros' worth of business, employing 700 people around the globe.

<https://biontop.eu/recordd.php?tipo=1&id=913517>

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SIRMAX

Compounder adds four grades to bio-compounds portfolio

Italian compounder Sirmax (Cittadella; www.sirmax.com) is making the best of its acquisition of compatriot company Microtec (Padova; www.mastercolour.eu) by expanding its range of bio-compound products, under brand name "Biocomp". The company recently added four new grades – "Biocomp IM 95", "Biocomp IM 95CP", "Biocomp IM DPLA" and "Biocomp IM CFLEX" – to its portfolio.

The biodegradable grades, made of plant materials and natural additives, are suitable for food-contact materials. Sirmax also assures of an ease of processing through extrusion and moulding, limited cycle time, and resistance to deformation for these grades. *Diego Lombardo*, MD, Microtec, said, "Now, we are also able to provide our customers with the compound specific to thermoforming. We are already operative."



The company's biodegradable grades are made of plant materials and natural additives (Photo: Sirmax)

Sirmax CEO *Massimo Pavin* recently announced plans for operations in Padova, include a possible expansion to as many as 10 lines with a capacity of 40,000 t/y by 2022 (see PIEWeb of [30.10.2020](#)).

03.02.2021 PIE [246855-0]

<https://pieweb.plasteurope.com/default.aspx?pageid=976543&docid=246855&key=jezod2jvba>

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