



GranoFiber CBGF Dust Free Carbon Black

New Generation of Masterbatch

- ✓ High Quality and pigment content
- ✓ Higher load capacity
- ✓ Smooth and glossy final surface
- ✓ Low melting Temperature
- ✓ Capable to use in mixer
- ✓ Online Extruder Dosing available
- ✓ Highly distribution and dispersingability
- ✓ Can be used with different Polymers
- ✓ Maximum particle size:25 micron
- ✓ Dust free
- ✓ No Mineral Content
- ✓ Environmental friendly

Yeni Nesil Masterbatch

- Yüksek Kalite ve pigment içeriği
- Daha yüksek yük kapasitesi
- Pürüzsüz ve parlak son yüzey
- Düşük erime sıcaklığı
- Mikserde kullanılabilir
- Çevrimiçi Ekstruder Dozajlama mevcuttur
- Yüksek dağıtım ve dağıtma kabiliyeti
- Farklı Polimerlerle kullanılabilir
- Maksimum parçacık boyutu: 25 mikron
- Tozsuz
- Mineral İçeriği Yok
- Çevre dostu

Advantages

- ✓ Dust Free
- ✓ No Polymer Bases
- ✓ Tiny Dimensions
- ✓ Excellent Spreadability and Dispersion
- ✓ Condensed and highly effective in Coloring
- ✓ Light Resistance
- ✓ Balanced Lubricity
- ✓ %55 Carbon Black
- ✓ %45 Non-Polymer Additives

Avantajları

- ✓ Tozsuz
- ✓ Polimer Baz Yok
- ✓ Küçük Boyutlar
- ✓ Mükemmel Yayılabilirlik ve Dağılım
- ✓ Yoğunlaştırılmış ve Renklendirmede Oldukça Etkili
- ✓ Işık Direnci
- ✓ Dengeli Kayganlık
- ✓ %55 Karbon Siyahı
- ✓ %45 Polimer Olmayan Katkı Maddeleri



No Polymer & Wide Range of Use

Granofiber CBGF is prized for highly concentrated carbon black content and exhibits balanced lubricity enhancing the flow and processing characteristics of different Polymer compounds. This is because of **No Polymer is applied** that simplifies the manufacturing process and improves cost-effectiveness.

Make it possible to use it in a wide range of polymer products, including in **PVC industries, wire and cable sheathing and insulation, Unplasticized PVC profiles and pipes, polyethylene, Polypropylene, EVA products etc**

Polymersiz & Geniř Kullanım Yeri

Granofiber CBGF, yüksek oranda konsantre karbon siyahı içerięi nedeniyle deęerlidir ve farklı Polimer bileřiklerinin akıř ve iřleme özelliklerini geliřtiren dengeli bir kayganlık sergiler. Bunun nedeni, üretim sürecini basitleřtiren ve maliyet etkinlięini artıran **Polimer uygulanmamasıdır.**

PVC endüstrileri, tel ve kablo kılıfları ve izolasyonu, Plastikleřtirilmemiş PVC profilleri ve boruları, polietilen, Polipropilen, EVA ürünleri vb. dahil olmak üzere çok çeřitli polimer ürünlerinde kullanılmasını mümkün kılar.

Production Line Performance

- The possibility of using this product in Hot mixer or on-line feeding (Dosing feeder on Extruder), make the flexibility for variety of colored production process.
- The rapid color change of products in the extrusion process, which reduces the waste material or discolor process time between series of different colors, are advantages of Granofiber CBGF usage.

Üretim Hattında Performansı

- Bu ürünün Sıcak mikserde veya çevrimiçi beslemede (Ekstrüderde Dozajlama Besleyici) kullanılma olasılığı, çeşitli renkli üretim süreçleri için esneklik sağlar.
- Ekstrüzyon sürecinde ürünlerin hızlı renk değişimi, farklı renk serileri arasındaki atık malzemeyi veya renk değiştirme sürecini azaltır, Granofiber CBGF kullanımının avantajlarıdır.

Small Dimensions & No Dust

- Tiny cylindrical shape with a very small diameter(less than 1,5 mm), causes uniform dispersion, melting and quick spreading in the mixer.
- Small dimensions and the absence of dust allow the use of automatic dosing equipment (in the weighing department or during production)
- Which increases the speed and efficiency of the equipment and the personnel satisfaction (due to the absence of dust).

Küçük Ölçüler & Toz Olmaması

- Çok küçük çaplı (1,5 mm'den az) minik silindirik şekli, karıştırıcıda homojen dağılım, erime ve hızlı yayılma sağlar.
- Küçük boyutlar ve toz olmaması, otomatik dozajlama ekipmanının (tartım bölümünde veya üretim sırasında) kullanılmasına olanak tanır
- Bu da ekipmanın hızını ve verimliliğini ve personel memnuniyetini (toz olmaması nedeniyle) artırır.

SAFETY DATA SHEET
GranoFiber GFCB HV2

1. Product and Company Identification		
Product Name:	GranoFiber GFCB HV2	
Trade Name:	GRANOFIBER	
Company Name:	Diacoprofile	
	Head Office: No. 7, Easa Beigi Alley, Vafamanesh St, Tehran, Iran	
Web site address:	www.diacogroup.com	
Email address:	info@diacogroup.com	
Emergency Contact:	diacogroup: +98 21 2298 5207	
Information:	+98 21 2298 5207	
2. Hazards Identification		
GHS Signal Word:	None	
GHS Hazard Phrases:	No phrases apply.	
GHS Precautionary Phrases:	No phrases apply.	
GHS Response Phrases:	No phrases apply.	
GHS Storage and Disposal Phrases:	No phrases apply.	
OSHA Regulatory Status:	This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200, the SDS and labels contain all the information as required by the standard.	
Potential Health Effects (Acute and Chronic):	The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling.	
Inhalation:	Fumes produced during melt process may cause eye, skin and respiratory irritation.	
Skin Contact:	Heated material can cause thermal burns resulting in pain, redness and blistering.	
Eye Contact:	May cause eye irritation.	
Ingestion:	May be harmful if swallowed.	
Medical Conditions Generally Aggravated By Exposure:	None known.	
3. Composition/Information on Ingredients		
CAS #	Components (Chemical Name)	Concentration
9002-88-4	Polyethylene Wax copolymer	~45.0 %
1333-86-4	Carbon black	~55.0 %

4. First Aid Measures	
Emergency and First Aid Procedures:	For processing fume inhalation, leave the contaminated area and breathe fresh air.
In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
In Case of Skin Contact:	Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.
In Case of Eye Contact:	In case of contact, immediately flush eyes with copious amounts of water for at least {15} minutes.
In Case of Ingestion:	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Signs and Symptoms Of Exposure:	The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal processing conditions.
Note to Physician:	None

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5. Fire Fighting Measures	
Flash Pt:	NA Method Used: Not Applicable
Explosive Limits:	LEL: NA UEL: NA
Autoignition Pt:	NA
Suitable Extinguishing Media:	Water spray and foam. Water is the best extinguishing medium.
Fire Fighting Instructions:	Emits toxic fumes under fire conditions. Approved positive pressure demand breathing apparatus (SCBA) and protective clothing should be used for all fires.
Flammable Properties and Hazards:	Carbon dioxide and carbon monoxide generated when the material burns.
Hazardous Combustion Products:	No data available.

6. Accidental Release Measures	
Steps To Be Taken In Case Material Is Released Or Spilled:	Vacuum or sweep up material and place into a suitable disposal container.

7. Handling and Storage	
Precautions To Be Taken in Handling:	Use with adequate ventilation.
Precautions To Be Taken in Storing:	Store in a cool, dry place.

8. Exposure Controls/Personal Protection				
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9002-88-4	Polyethylene Wax copolymer	No data.	No data.	No data.
1333-86-4	Carbon black	PEL: 3.5 mg/m3	TLV: 3.5 mg/m3	No data.

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Respiratory Equipment (Specify Type):	Follow the OSHA respirator regulations found in {149} CFR {1910.134} or European Standard EN {149}. Use a NIOSH/MSHA or European Standard EN {149} approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in {1910.133} CFR {1910.133} or European Standard EN166.
Protective Gloves:	Wear appropriate protective gloves to minimize skin exposure.
Other Protective Clothing:	Wear appropriate protective clothing to minimize contact with skin.
Engineering Controls (Ventilation etc.):	Use adequate ventilation to keep airborne concentrations low. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Work/Hygienic/Maintenance Practices:	Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States:	[] Gas [] Liquid [X] Solid
Appearance and Odor:	Black bundle with slight or no odor.
pH:	No data.
Melting Point:	NA
Boiling Point:	NA
Flash Pt:	NA Method Used: Not Applicable
Evaporation Rate:	NA
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: NA UEL: NA
Vapor Pressure (vs. Air or mm Hg):	NA
Vapor Density (vs. Air = 1):	NA
Specific Gravity (Water = 1):	> 1
Solubility in Water:	NA
Solubility Notes:	Insoluble in cold water.
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	< 1.0 %
Autoignition Pt:	NA
Decomposition Temperature:	> 300.00 C (572.0 F)
Viscosity:	No data.

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Stable under recommended conditions of storage and handling.
Incompatibility - Materials To Avoid:	No special recommendations.
Hazardous Decomposition or Byproducts:	Processing fumes evolved at recommended processing conditions may include trace levels of low molecular weight hydrocarbon fragments, carbon dioxide, carbon monoxide and irritating fumes and gases.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: Under normal conditions of use, hazardous decomposition will not occur.

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11. Toxicological Information

Toxicological Information:	No data available.				
Carcinogenicity/Other Information:	CAS# {1333-86-4}: ACGIH: Not listed. California: carcinogen, initial date {2/21/03 (airborne, unbound particles of respirable size). NTP: Not listed. IARC: Group 2B carcinogen.				
CAS #	Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
9002-88-4	Polyethylene Wax copolymer	n.a.	3	n.a.	n.a.
1333-86-4	Carbon black	n.a.	2B	A4	n.a.

12. Ecological Information

General Ecological Information:	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	This product will not readily bioaccumulate due to its insolubility in water.
Mobility in Soil:	Soil mobility is expected to be negligible, because the product is insoluble in water.

13. Disposal Considerations

Waste Disposal Method:	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in {261} CFR Parts {261.3}. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed.
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14. Transport Information

LAND TRANSPORT (US DOT):	
DOT Proper Shipping Name:	Not regulated as a hazardous material.
DOT Hazard Class:	
UN/NA Number:	
AIR TRANSPORT (ICAO/IATA):	
ICAO/IATA Shipping Name:	Non-Hazardous for Air Transport.
UN Number:	Packing Group:
Hazard Class:	

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists				
CAS #	Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
9002-88-4	Polyethylene Wax copolymer	No	No	No
1333-86-4	Carbon black	No	No	No
This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:				
[] Yes [X] No	Explosive	[] Yes [X] No	Acute toxicity (any route of exposure)	
[] Yes [X] No	Flammable (gases, aerosols, liquid, or solid)	[] Yes [X] No	Skin Corrosion or Irritation	
[] Yes [X] No	Oxidizer (liquid, solid or gas)	[] Yes [X] No	Serious eye damage or eye irritation	
[] Yes [X] No	Self-reactive	[] Yes [X] No	Respiratory or Skin Sensitization	
[] Yes [X] No	Pyrophoric (liquid or solid)	[] Yes [X] No	Germ cell mutagenicity	
[] Yes [X] No	Pyrophoric gas	[] Yes [X] No	Carcinogenicity	

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<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Organic peroxide	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		
CAS #	Components (Chemical Name)	Other US EPA or State Lists	
9002-88-4	Polyethylene Wax copolymer	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory	
1333-86-4	Carbon black	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory	
CAS #	Components (Chemical Name)	International Regulatory Lists	
9002-88-4	Polyethylene Wax copolymer	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; REACH: Yes - (P)	
1333-86-4	Carbon black	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; REACH: Yes - 01-2119384822-32: Full, (P)	

16. Other Information

Revision Date:	06/04/2019
Preparer Name:	Safety & Environmental Department
Additional Information About This Product:	Information given herein is offered in good faith as accurate, but without guarantee. The conditions of use and suitability of the product for an application is beyond our control. All risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind of nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of this product. Appropriate warnings and safe handling procedures should be provided to handlers and users.



RYAN TRADING GLOBAL YAPI SANAYİ TİCARET LİMİTED ŞİRKETİ

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