

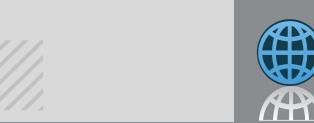
GEZSAN

PLASTIK



PE RECYCLED GRANULE PRODUCTION FACTORY









info@gezsan.com.tr



+90 850 305 59 79







ABOUT US

"Use Recycled Products For A Green World"

"

Gezsan Plastik Sanayi Tic.Ltd.Şti. started production with its new name in 2017 and produces 1000 tons of granules per month. It has increased its production and quality to the best level with its 5000 m² closed area and accordingly new machinery and equipment investments in Iskenderun Organized Industrial Zone. The most advanced and European technologies are used in production. Our machine park is constantly renewed. Materials procured from the country and abroad are drawn separately and first class recycled granule raw materials are produced after passing the necessary laboratory tests. Its customer portfolio includes hose, packaging, Steel Pipe and Polyethylene Pipe manufacturers, and drip irrigation system manufacturers.

WE EXIST TO BE THE BEST







VISION

To maintain its position as a leading, innovative and reliable manufacturer, to continue to be a strategic solution partner by adding value to its customers.

MISSION

To shape the sector we are in and to create sustainable value for our stakeholders with our educated and highly committed employees, our innovative products that we produce with up-to-date technology, our quality that we ensure continuity, our fast service and customer satisfaction in our focus.

VALUE







Production Stages



01

TO COLLECT

AND

O SEPARATION

02

CRUSHING

03

AGROMEL MAKING

04

EXTRUSION

05

PACKING AND LOJISTIC









GEZ-017C HDPE



GEZ-018 LDPE GEZ-017F LDPE GEZ-017C LDPE

OUR PRODUCTS









GEZ-017F LDPE



GEZ-018 HDPE GEZ-017C LDPE GEZ-017C LDPE











TECHNICAL DATA SHEET

Product Name

GEZSAN - HDPE

Commercial Name

GEZ-018

Color Option Description Application

Black - Yellow

GEZ-018 HDPE is a high density polyethylene compound and is available in color options **GEZ-018 HDPE** is recommended for use as a top coat in typical three layer PE (3LPE) coating application for steel pipes.

Physical Properties

Property	Typical Value	Reference Test Method
Density (Compound)	> 930 kg/m ³	ISO 1183-1, Method A
Mekt Flow Rate (190°C/2,16 kg)	>0,45g/10min	ISO 1133-1, Method B
Melt Flow Rate (190°C/5,0 kg)	>1,8 g/10min	ISO 1133-1, Method B
Tensile Strength at Break(50 mm/min) (23° C))	> 500 %	ISO 527-2
Tensile Strength at Yield(50 mm/min) (23°C)	15 MPa	ISO 527-2
Carbon Black Content	> 2 %	ISO 6964
Carbon Black Dispersion	< 3	ISO 18553
Hardness, Shore D	> 55	ISO 868
Moisture	< 500 ppm	ISO 62

Processing / Extrusion | Recommendations

GEZ-018 HDPE can be applied by flat-head die extrusion. The processing conditions mentioned below are recommendations and should be adapted to the specific extrusion equipment used. Detailed recommendations can only be made when extrusion equipment and application are known. Please contact GEZSAN PLASTIK for more information.

Barrel (cylinder) zones	180°C – 240°C
Screen (exit zone)	210°C – 240°C
Connector zones	210°C – 240°C
Die zones	210°C – 240°C
Melt temperature	210°C – 240°C







TECHNICAL DATA SHEET

Product Name

GEZSAN - HDPE

Commercial Name

GEZ-018

Specifications	GEZ-018 HDPE is intended to meet the requirements of the following national and international standards when used with adhesive on powder epoxy and when the correct process, application and quality control procedures are followed by the applicator. NF A 49710 DIN 30670 ISO 21809-1 Class B DEP 31.40.30.31 GEN
Storage	GEZ-018 HDPE shall he stored indoors, in dry conditions at temperatures between -10°C and +50°C, protected from UV light in. Improper storage can initiate degradation and negatively influence the physical properties of this product. Shelf life is 12 (twelve) months from the production date.
Safety Packing	GEZ-018 HDPE is not classified as a dangerous matarial. Material Safety Data Sheet is available on request. Please contact GEZSAN PLASTIK for more information.
Packing	GEZ-018 HDPE Standard packaging 1200 – 1300 kg big bags on pallet 24 – 27 ton bulk
Disclaimer	All information contained in this document is to the, best of our knowledge accurate . and reliable as from the date of publication however we do not presume any liability for exactness and/or entirety of this information. All information contained in this document

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All infarmation contained in this document relates only to the usage of our product(s) and no liability can be accepted when used in combination with other products.











TECHNICAL DATA SHEET

Product Name

GEZSAN - LDPE

Commercial Name

GEZ-017C

Color Option

Description

Application

Black - Yellow

GEZ-017C LDPE is a low density polyethylene compound and is available in color options

GEZ-017C LDPE is recommended for use as a top coat in typical three layer PE (3LPE) coating application for steel pipes.

Physical Properties

Property	Typical Value	Reference Test Method
Density (Compound)	> 0,910 g/cm ³	ISO 1183-1, Method A
Mekt Flow Rate (190°C/2,16 kg)	>0,6 g/10min	ISO 1133-1, Method B
Melt Flow Rate (190°C/5,0 kg)	>2,5 g/10min	ISO 1133-1, Method B
Tensile Strength at Break(50 mm/min) (23° C))	> 600 %	ISO 527-2
Tensile Strength at Yield(50 mm/min) (23°C)	16 MPa	ISO 527-2
Carbon Black Content	> 2 %	ISO 6964
Carbon Black Dispersion	< 3	ISO 18553
Hardness, Shore D	> 55	ISO 868
Moisture	< 500 ppm	ISO 62

Processing / Extrusion Recommendations

GEZ-017C LDPE can be applied by flat head die or cross-head die extrusion. The processing conditions mentioned below are recommendations and should be adapted to the specific extrusion equipment used. Detailed recommendations can only be made when extrusion equipment and application are known. Please contact **GEZSAN PLASTIK** for more information.

Barrel (cylinder) zones	160°C – 220°C
Screen (exit zone)	210°C – 240°C
Connector zones	210°C – 240°C
Die zones	210°C – 240°C
Melt temperature	210°C – 240°C

combination with other products.









TECHNICAL DATA SHEET

Product Name

GEZSAN - HDPE

Commercial Name

GEZ-017C

Specifications	GEZ-017C LDPE is intended to meet the requirements of the following national and international standards when used with adhesive on powder epoxy and when the correct process, application and quality control procedures are followed by the applicator. NF A 49710 DIN 30670 ISO 21809-1 Class B DEP 31.40.30.31 GEN
Storage	GEZ-017C LDPE shall he stored indoors, in dry conditions at temperatures between -10°C and +50°C, protected from UV light in. Improper storage can initiate degradation and negatively influence the physical properties of this product. Shelf life is 12 (twelve) months from the production date.
Safety	GEZ-017C LDPE is not classified as a dangerous matarial. Material Safety Data Sheet is available on request. Please contact GEZSAN PLASTIK for more information.
Packing	GEZ-018 HDPE Standard packaging 1200 – 1300 kg big bags on pallet 24 – 27 ton bulk
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TECHNICAL DATA SHEET

Product Name

GEZSAN - LDPE

Commercial Name

GEZ-017F

Color Option

Description

Application

Natural – Yellow – Blue – Gray - Black

GEZ-017F LDPE is a low density polyethylene compound and is available in color options

GEZ-017F LDPE is recommended to be used in the plastic film produced with the blown film or the flat film processes. Usage areas: corrosion resistant work surfaces, heavy duty bags, bag, film production, drums, toys, garbage bags etc.

Physical Properties

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Property	Typical Value	Reference Test Method
Density (Compound)	> 905 kg/m³	ISO 1183-1, Method A
Mekt Flow Rate (190°C/2,16 kg)	0,80 – 1,00 g/10min	ISO 1133-1, Method B
Melt Flow Rate (190°C/5,0 kg)	2,5 – 3,00 g/10min	ISO 1133-1, Method B
Tensile Strength at Break(50 mm/min) (23° C))	23 Mpa	ISO 527-2
Tensile Strength at Yield(50 mm/min) (23°C)	12 Mpa	ISO 527-2
Carbon Black Content	> 2 %	ISO 6964
Carbon Black Dispersion	< 3	ISO 18553
Hardness, Shore D	> 55	ISO 868
Moisture	< 500 ppm	ISO 62

Processing / Extrusion Recommendations

GEZ-017F LDPE For film extrusion applications;

Typical zone temperatures 160°C – 220°C Typical melt temperature 190°C – 210°C

Typical inflation rate 2:1 3:1

In different extrusions, the processing conditions should be optimized according to the extruder design.





TECHNICAL DATA SHEET

Product Name

GEZSAN - HDPE

Commercial Name

GEZ-017F

Specifications	GEZ-017F LDPE is intended to meet the requirements of the following national and international standards when the correct process, application and quality control procedures are applied. NF A 49710 DIN 30670 ISO 21809-1 Class B DEP 31.40.30.31 GEN	
Storage	GEZ-017C LDPE shall he stored indoors, in dry conditions at temperatures between -10°C and +50°C, protected from UV light in. Improper storage can initiate degradation and negatively influence the physical properties of this product. Shelf life is 12 (twelve) months from the production date.	
Safety	GEZ-017C LDPE is not classified as a dangerous matarial. Material Safety Data Sheet is available on request. Please contact GEZSAN PLASTIK for more information.	
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STEEL PIPE COATING



Why should you choose us?

FOR STEEL PIPE COATING

LOWER COSTS

ECO-FRIENDLY

QUALITY RECYCLING





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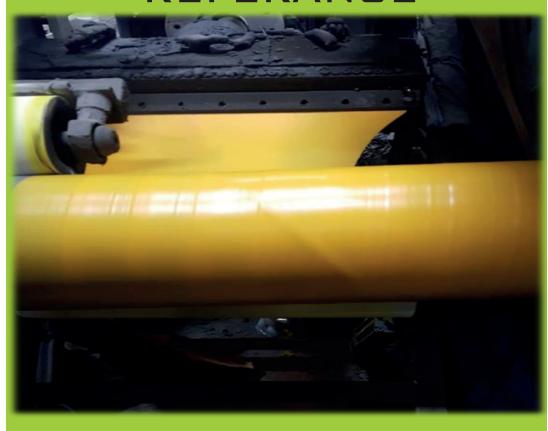
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REFERANCE





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QUALITY CERTIFICATES







CERTIFICATE



CERTIFICATE



CERTIFICATE

Management system as per TS EN ISO 9001:2015

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ÇEVRE İZİN VE LİSANS BELGESİ

Belge No : 233187138.0.1

Başlangıç Tarihi : 03.01.2022 Bitis Tarihi : 03.01.2027

Tesis Adı GEZSAN PLASTİK SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Tesis Adresi HATAY, SARISEKİ Mahallesi, NOKSEL GİRİŞİ CADDE, No: 7-9, İSKENDERUN, Türkiye

İşletme Vergi No : 3950973987

Çevre İzin ve Lisans Konusu : Hava Emisyon Tehlikesiz Atık Geri Kazanım Ambalaj Atığı Geri Kazanım

Yukarıda adı ve açık adresi belirtilen tesise Çevre İzin ve Lisans Yönetmeliği kapsamında ÇEVRE İZİN VE LİSANS BELGESİ verilmiş olup 31.12.2021 tarihli ve 16822464-150/E.325 sayılı yazı ile birlikte geçerlidir. Ayrı kullanılmaz.

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