



## **PP - MB B0133**

### **High Density Black Masterbatch (Pipe Grade)**

#### **Description**

Parlak Polymer manufactures black masterbatches in various grades. Our black masterbatch not only provides a desirable black color, but it also improves the longevity of pipes, films, and other polymer products by adding protection against ultraviolet (UV) rays. These masterbatches are customizable to specific needs of our customers, with various carbon black concentrations and polymer grades, covering a wide range of applications in different industries.

#### **Applications**

- Pipes and fittings
- Polymer films, particularly black garbage bags
  - Automotive parts
- Injection-molded plastic parts
- Geotextile and geomembrane sheets

#### **Features**

- Anti-UV properties in the final product resulting in increased longevity
- Excellent color coverage and dispersion
- Uniform distribution of pigments and additives in the final product
- Excellent processability
- Customizable

## Physical Properties

Property	Typical Value( Data should not be used for specification work)	Test Method
Density	1.15 -1.19 g/cm <sup>3</sup>	ISO 1183
Melt Flow Rate (190 °C/2.16 kg)	≤ 0.5 g/10min	ISO 1133
Carbon Black Content	40±2 %	ISO 6942
Moisture Content	≤ 0.5 %wt	ISO 15512
Oxidation Induction Time	≥20 Min	ISO 11357
Carbon Black Dispersion	<3	ISO 18553

## Processing Techniques

For high pressure HDPE pipes at 6% addition ensures outmost UV and heat resistance as well as wide approval for potable water.

## Packaging

Package options: 25kg bags and jumbo bags (1-1.25 MT)

## Storage

While the product contains carbon black and its sensitivity to moisture, storage conditions should be in a dry, cool and ventilated environment. Any exposure to moisture and water is prohibited. More information on storage is found in the Safety data sheet (SDS) for this product.

## Safety

Check and follow local codes and regulations! Please see our Safety Data Sheet for details on various aspects of safety, recovery and disposal of the product. For more information, please contact our Sales Team