



## NABEX B.PP.1031

### BLACK MASTERBATCH (PP)

**Application:** Fittings of polypropylene and irrigation tapes



#### PROPERTIES

PROPERTY	VALUE	UNIT	TEST METHOD
DENSITY	1.18±0.02	g/cm <sup>3</sup>	ISO 1183
CARBON BLACK CONTENT	40±1	%	ASTM D1603
MFI*	0.5±0.3	g/10min	ISO 1133
CARBON BLACK DISPERSION**	<3	--	BS 2782 823A
OIT	20	min	ASTM D3895

\*Test conditions (5 kg, 230°C)

\*\*Tested on polypropylene containing 5-6% NABEX B.PP.1031



#### SPECIFICATIONS

The size of carbon black particles has a major role in UV protection of polypropylene pipes and fittings. In order to increase the lifetime of these compounds against to sun light, in the masterbatch series 1031 used micronized carbon black. Moreover an appropriate quantity of thermal stabilizers was used in this masterbatch to avoid thermal degradation of polypropylene during production process.



#### STORAGE CONDITION

Masterbatch bags are stored far from sunlight and moisture. As carbon black absorbs humidity, it is recommended to use a dryer in areas with high humidity in order to preserve the pipe quality.

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