



NABEX W.PP.CODE2

WHITE MASTERBATCH CODE 2, 3, 4 (PP)

Application: Polypropylene pipes and fittings (without light transmittance)



PROPERTIES

PROPERTY	VALUE	UNIT	TEST METHOD
DENSITY	1.9	g/cm ³	ISO 1183
PIGMENT CONTENT	59±1.5	%	ASTM D1603
MFI*	6±2	g/10min	ISO 1133
MOISTURE CONTENT	<0.1	%	NAB
PIGMENT DISPERSION	EXCELLENT	-	NAB
ANTI-OXIDANT CONTENT	0.25	%	NAB
OIT	30	min	ASTM D3895

* test conditions (2.160 kg, 230°C)



SPECIFICATIONS

In masterbatch series W.PP.1030, titanium dioxide (TiO₂) is used as pigment. In order to increase the masterbatch coloring and stabilize it for UV protection, a specific titanium dioxide, plastic grade has been used. TiO₂ particle surfaces have been treated by special chemicals to avoid any undesired influence on the final product properties. Moreover, thermal stabilizers have been added to avoid thermal degradation of polypropylene during the compounding and pipe manufacturing processes. It is used high impact polypropylene as base of the masterbatch to increasing the impact strength of the end product (pipe and fitting).



STORAGE CONDITION

Masterbatch bags should be stored far from sunlight and humidity. As titanium absorbs humidity, using a drier is recommended in areas with high humidity in order to preserve the pipe and fitting qualities.

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