

# TABOREX TA 2147 HD

## Catalyst masterbatch

### Description

**TABOREX TA 2147 HD** contains the cross-linking catalyst and a stabilizer package. In addition it carries additives that protect the polymer from degradation caused by Metal Ions. Together with SILON's Silane grafted TABOREX Compound this masterbatch completes a Sioplas System (PE-Xb).

**Appearance:**

Opaque

**Physical form:**

Pellets

### Application

**TABOREX TA 2147 HD** is a catalyst Masterbatch according to the Sioplas System for the production of pipes for sanitary and heating applications. TABOREX TA 2147 HD is specifically designed for the use in heterogenous pipe systems or in systems using brass fittings for pipe jointing.

### Addition level

Catalyst masterbatch and grafted polymer are normally being mixed in the ratio of 95 parts of polymer to 5 parts of catalyst MB. This formulation insures optimum processing conditions and application performance of the PE-X material.

### Properties

	Properties	Test method	Unit	Typical value
Physical	Density	ISO 1183-1	g/cm <sup>3</sup>	0,970
	Melt Flow Index (190 °C/2,16 kg)	ISO 1133	g/10 min	9,0
	Bulk density	ISO 60	g/cm <sup>3</sup>	0,55
	Moisture (water)	ISO 15512	%	< 0,25

**Note:** the above values are typical for this material, not standardized.



AUTOMOTIVE APPLICATIONS



CONSTRUCTION APPLICATIONS



GENERAL APPLICATIONS



HYGIENIC APPLICATIONS

## Technical Data Sheet



# TABOREX TA 2147 HD

### Packaging

- moisture resistant multilayer bags containing 20 kg
- boxes of 600 kg containing a moisture resistant multilayer lining

### Storage and handling

**TABOREX TA 2147 HD** has to be stored in a cool and dry place, protected from direct UV light. At a maximum ambient temperature of 30 °C the shelf life is one year. Storage at higher temperatures may impair the quality of the Masterbatch.

### Food contact

**TABOREX TA 2147 HD** corresponds to the regulations of the European Union, FDA(USA) and BfR (Germany) for products intended to use in contact with drinking water.



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