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PRODUCTOS TÉCNICOS S.L.

Camiño do bosque, 11
Apdo 73 - 36417 - Mos
Pontevedra - SPAIN
Tel: +34 986 344 090
Fax: +34 986 344 864
rube@rubept.com
www.rubept.com



TECHNICAL SPECIFICATION

WHITE PR 1000/S70F

DESCRIPTION

White pigment with 70% of Titanium oxide, with excellent dispersion and suitable for food use.

PROPERTIES

Property	Method	Result
Resin		LLDPE
Pellet shape		Cylindrical
MFI (190°C, 2.6Kg)	ASTMD-1238 / IS: 13360(Pt.4/Sec-1)	62.4 Gm./10min
Specific density	ASTMD-792 / IS: 13360(Pt.3/Sec-1)	1.96 g/cm ³
Moisture content	-	< 0.1%
Antioxidant	-	0.1%
Concentration of TiO ₂	-	70 %
Kind of TiO ₂	-	Rutile
Charge content	%	NO
Dispersion	in film OF 30 microns	Excellent
Resistance to light		8
Thermal stability	In injection mould 260°C / 5min	>300°C
Colour migration	Oil 72°C /48H	5
Toxicity	—	Not toxic
Pellet size	mm	2.5 mm
Pellet counting	No´S/1gm	40±5
Mass	GM/CC	1.20

INFORMATION ABOUT REGULATIONS

Statement of accomplishment with European Normative N°10/201:

The mixture of Polyethylene called WHITE 1000/570F is made with ingredients that accomplish the statement of purity criteria according to international Regulation N°10/201 of food contact, in plastic materials and articles made to be in contact with food.

Certified FDA for food contact for applications with plastics.

It is certified that the compounds of masterbatch WHITE 1000/S70F, Titanium dioxide CAS#13463-67-7 incorporated in polyethylene resin CAS#9002-88-4, fulfil FDA Title 21 CFR 177.1520.

This pigment is included in the FDA Title 21 CFR 178.3297 list of pigments and colorants for safe use in food contact .

OTHER INFORMATION

For more information, ask for the Material Safety Data Sheet. Check the label of the packaging.

The information of this specification is based in our knowledge. It refers only to the indicated product and does not mean any guarantee of its particular qualities. The user must ensure the suitability and accuracy of this information related to the specific use of the products.