



**Technical Data Sheet**

**Grade-TPT-HL**

Kalpena’s filler master batches are produced from ultra-fine dispersible talc and virgin linear low Density Polyethylene resins. Additives like antioxidant, lubricant and processing aid are added to improve long term thermal & mechanical properties and process ability. The compounds are diluted with desired grades of polyethylene and polypropylene show good dispersibility and excellent balance of properties in the ultimate product.

Kalpena’s Filler Master batches offers the following benefits.

- Improve stiffness.
- Antislip property, improve strength and product stability.
- Smooth and glossy surface finish.
- Improve flexural modulus
- Economic transparent fillers for HM, HDPE, LLDPE and LDPE used for manufacturing linear and carry bag .
- Fillers for lamination for HDPE and pp woven sacks allow higher addition levels without affecting the bonding properties, superior quality products in this range can be used for polyester and pp fiber cloth laminated in automobile nets.
- Talc based fillers for color and white tapes can be added so as to maintain tenacity and stiffness without compromising the color and transparency.

**Properties :**

properties	Test method	Unit	Typical value
Melt flow index @190 <sup>0</sup> c,2.1 kg	ASTM-D-1238	G/10min	0.2-0.4 +/- .2
Specific gravity@25 <sup>0</sup> c	ASTM-D-792	-	1.84 +/-0.05
Whiteness index	CIE GANZ 82	-	>55
Moisture content	ASTM C25	%	<0.05

**Storage:** The material shall be kept in a cool dry place.

**Main application:** Raffia tape ,lamination and film application .

**Package:** 25 kg HDPE woven sacks.

(The information given in the document is believed to be reliable and is given in good faith but without warranty. The user should test the product to assertion the suitability for intended use. The product specification or the whole document is subject to change without any prior notice.)

