Polyethylene and Polypropylene Masterbatch

1: Test using a replacement ladder of 10, 15, 20% Opacity Pigment.

2: Make a 1:1 weight for weight replacement of TiO₂ with Opacity Pigment, eg
   i) a 10% Replacement in a 70% TiO₂ Masterbatch becomes 63.0% TiO₂ and
      7.0% Opacity Pigment.
   ii) a 15% Replacement in a 70% TiO₂ Masterbatch becomes 59.5% TiO₂ and
       10.5% Opacity Pigment.
   iii) a 20% Replacement in a 70% TiO₂ Masterbatch becomes 56.0% TiO₂ and
       14.0% Opacity Pigment.

3: For the optimum performance, the FP-Pigment should be premixed with the
   other dry ingredients as normal using a Henschel type blender.

4: Extrude under standard conditions using vacuum degassing if appropriate.

5: The new Masterbatch products should be tested against the pure TiO₂
   control in application as a 1 for 1 replacement.