



Clarifying & Nucleating Masterbatches

Since 1978, **Rajiv Plastic Industries (RPI)** has pioneered the manufacturing of colour and additive masterbatches in India. RPI initiated from custom color compounding of all commodity & engineering plastics to technologically sound production of colour and additive masterbatches under the brand name *Akurate* masterbatches.

Clarifying Masterbatches can be processed over a wide range of temperatures and is highly recommended for the following PP applications:

- Injection Moulding
- Extrusion blow Moulding
- Stretch Blwo Mouldiing
- Sheet Extrusion
- Thermoforming
- Thin Wall Injection Moulding
- Cast Film



Millad® 3988

Through it's exclusive partnership with Milliken Chemical (USA), Rajiv Plastic Industries now offers the most comprehensive range of Nucleating and Clarifying Masterbatches for Poly proylene. Millad 3988® based clarifying masterbatches offer the highest clarity, gloss and smooth surface. They are ideal for Food Contact Applications since they do not affect taste of contained foods or liquids. The other advantages are increased productivity and remarkable flexibility for designers.



Hyperform® HPN-68L

Our Hyperform HPN-68L based masterbatch provides the fastest known crystallization rates of PP

The "Key Benefits" of using this masterbatch are:

- Extremely fast crystallization resulting in improved processing speed higher production rates in both injection as well as extrusion processes
- Improved Physical Property Balance
- Reduced warpage and improved dimensional stability

The Nucleating Agent reduces cycle time significantly allowing increased productivity and hence lowers production cost.



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