

## Technical Datasheet

### Product: Clarifying Agent Masterbatch

### Grade: C1PP-CAM

#### Product Description:

C1PP-CAM is High performance clarifying agent masterbatch. C1PP-CAM enhances the clarity and reduces haze of polypropylene through the nucleation of the polymer. It performs as a nucleating agent, by creating a large number of very small size spherulites (< 1 micron) during the cooling of the polypropylene melt. The small spherulites lead to the polypropylene that has less opacity and high clarity.

Clarified PP offers an excellent combination of properties - toughness, flexibility, rigidity, moisture barrier, chemical resistance, heat resistance, and suitability for food contact.

#### Material Characteristics:

- Make outstanding clarity, gloss and surface smoothness
- Increase the stiffness and heat deflection temperature
- Approved for food contact to use all around the world
- Improve productivity during processing due to faster cycle time

#### Appearance:

Host Polymer	PP
Appearance	Granules
Color	Natural

#### Physical Properties:

Properties	Unit	Value	Standard
MFI (230°C , 2.16Kg)	g/10min	7	ASTM D 1238
Specific Gravity	g/cm <sup>3</sup>	0.9	ASTM D792

**Dosage:** The recommended dosage in njection and Blow moldings, Extruded sheets is Up to 3 wt%

Note: The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C-One Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C-One Polymer Co. make no warranty and liability in connection with any use of this information.