

## HTM 8028 R

HTM 8028 R is a masterbatch containing a high concentration of fully hydrogenated hydrocarbon resin in a polypropylene carrier. Its use leads to remarkable improvement of clarity, stiffness, and twist effect in the final packaging.

### Applications

- BOPP films
- CPP films
- Shrinkable film, cigarettes film and film intended for confectionery wrapping.

### Dosage

- The dosage ratios depend on the expected outcomes, process conditions, film thickness and polypropylene grade. However, adding between 4-9% usually turns into improvements on the processing, clarity and metallization; adding between 10-22 % will lead to a remarkable increase of the film stiffness and shrinkage features; and let down ratio between 23-35% are required to improve the twist properties and the barrier characteristics. Notwithstanding, if necessary, feel free to get in contact with our Technical Dept.

### Features

- HTM 8028 R provides the film with upgraded clarity levels.
- The film shrinkage properties are soared by using HTM 8028 R along with choosing the right process conditions: high shrinkage ratios and lower temperature in TDO.
- Improves the barrier features: Moisture Vapor Transmission Rate (MVTR) and Oxygen Transmission Rate (OTR).
- Decreases the micro roughness on the film surface thus improving the aluminum adhesion in the metallization process.

### Packaging

- The product is supplied in 25 Kg polyethylene sacks, wrapped, and stacked on 1,250 Kg pallets.

### Storage

- Store in dry place, free of moisture. During storage keep away from high temperatures. Under appropriate conditions the product may be stored for 9 months.

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#### Food Contact Application

HTM masterbatches meet many specific directives regarding materials to be used in the packaging of foodstuff. Official confirmation of compliance with current requirements in the individual countries can be issued on request.

#### Health & Safety

Safety Data Sheets (SDS) are available and should be consulted before handling and using HTM masterbatches.

The information contained in this technical bulletin is correct to the best of our knowledge, although it does not attempt to describe every possible condition of use of this grade.

#### Disclaimer

This information is only a guide. In each case, the transformer is responsible for the processing conditions, the end use of the product and must take into account the possible existence of patents and industrial property rights.