

## Technical Datasheet

### CALSIN 110FRF

#### 1) Product Description:

- ✓ Product: Filler Master-Batch
- ✓ Carrier: Poly Olefin
- ✓ Active ingredient: Fine treated CaCO<sub>3</sub>

#### 2) Application & Addition Rate:

- ✓ PP Raffia Bag: 2 to 12% (depends on tape denier and requirements)
- ✓ PP Twine and Strapping Band: 2 to 15%

Note: Pre-heating or Drying might be required before using

#### 3) Advantages:

- ✓ Anti-Splitting
- ✓ Anti-Fibrillating
- ✓ Replace polymer and reduce cost
- ✓ Improve Heating/Cooling rate in extrusion
- ✓ Improve Stiffness and Tensile Modulus
- ✓ Increase Coefficient of Friction for bags stacking

#### 4) Typical data:

| PROPERTIES                     | TEST METHOD | UNIT              | TYPICAL VALUE* |
|--------------------------------|-------------|-------------------|----------------|
| Melt Flow Rate(230 °C/2.16 Kg) | ASTM D1238  | g/10min           | 3±2            |
| Moisture                       | ASTM D644   | %                 | Max 0.2        |
| Mineral content                | ASTM D 4218 | %                 | 80±1           |
| Pellet size                    | PPT METHOD  | Pieces/cc         | 30 -40         |
| Density                        | ASTM D 1505 | g/cm <sup>3</sup> | 1.86           |
| Dispersion                     | PPT METHOD  |                   | OK             |

Address: No. 3, 12th Floor, A Block, Babak Plaza Building, Babak Ave, Baku, Azerbaijan.

Tel: +994 124880752 | Email: [mr.info@mrchemicalaz.com](mailto:mr.info@mrchemicalaz.com) | [www.mrchemicalaz.com](http://www.mrchemicalaz.com)