

## Technical Datasheet

### CALSIN 121PRF

#### 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
- ✓ Low water carrying
- ✓ 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	0.6+0.3
Moisture	ASTM D644	%	Max 0.1
Mineral content	ASTM D 4218	%	79±1
Density	ASTM D 1505	g/cm <sup>3</sup>	1.84
Dispersion	PPT METHOD		OK