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## Technical Datasheet

### CALFIN 1150WA

#### 1) Product Description:

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

#### 2) Application & Addition Rate:

- ✓ PE Packaging Film: 5 to 40% (depends on thickness and requirements)
- ✓ PE Shopping Bags: 20 to 50%
- ✓ HDPE Garbage Bags & Table Cloth: 20 to 60% (depends on requirements)

Note: Pre-Heating or Drying might be required before usage

#### 3) Advantages:

- ✓ Improve Stiffness and Tensile Modulus
- ✓ Enhance Falling Dart Impact Strength
- ✓ Improve Tear Resistance
- ✓ Increase/Keep Tensile Strength
- ✓ Increase Density & Output
- ✓ Improve Heating/Cooling rate in extrusion
- ✓ Improve Printing & Sealing Performance
- ✓ Act as Anti-Block
- ✓ Replace polymer and reduce cost
- ✓ Increase Hiding Power, Reduce White MB %

#### 4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (190 °C/5 Kg)	ASTM D1238	g/10min	2
Moisture	ASTM D644	%	Max 0.1
Mineral content	ASTM D 4218	%	81±1
Density	ASTM D 1505	g/cm <sup>3</sup>	1.9

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