

Technical Datasheet

CALFIN 1151SNT

1) Product Description:

- ✓ Product: Filler Master-Batch
- ✓ Carrier: Poly Ethylene
- ✓ Active ingredient: Fine Treated CaCO₃

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, Drying or Desiccant MB (e.g. POYAD DS201) might be required before usage

3) Advantages:

- ✓ Improve Stiffness and Tensile Modulus
- ✓ Enhance Falling Dart Impact Strength
- ✓ Improve Tear Resistance
- ✓ Increase Tensile Strength
- ✓ Increase Density & Output
- ✓ Act as Anti-Block
- ✓ Improve Heating/Cooling rate in extrusion
- ✓ Improve Printing & Sealing Performance
- ✓ Replace polymer and reduce cost
- ✓ Increase Hiding Power, Reduce White MB %
- ✓ Increase Film Density, Down-Gauging is needed to keep the specific weight

4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (190 °C/5 Kg)	ASTM D1238	g/10min	3 ₊₂
Moisture	ASTM D644	%	Max 0.1
Mineral content	ASTM D 4218	%	80 _{±1}
Density	ASTM D 1505	g/cm ³	1.87

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