

Technical Datasheet

CALFIN 1152WA

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 or Drying 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
- ✓ Exhibit Bright White Appearance
- ✓ 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 | 3 ₋₂ |
| Moisture | ASTM D644 | % | Max 0.1 |
| Mineral content | ASTM D 4218 | % | 80 ₊₁ |
| Density | ASTM D 1505 | g/cm ³ | 1.87 |

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

Tel: +994 124880752 | Email: mr.info@mrchemicalaz.com | www.mrchemicalaz.com