
Technical Datasheet

CALSIN SE102

1) Product Description:

- ✓ Product: Filler Master-Batch
- ✓ Carrier: Poly Olefin
- ✓ Active ingredient: Fine treated CaCO₃

2) Application & Addition Rate:

- ✓ PE & PP Sheet Extrusion: 5 to 30% (depends on requirements)
- ✓ PE & PP Pipe Extrusion: 5 to 20% (depends on requirements)

3) Advantages:

- ✓ Improve Stiffness & Modulus
- ✓ Enhance Dimensional Stability
- ✓ Reduce Shrinkage
- ✓ Improve Tensile Strength
- ✓ Replace Polymer and Reduce Cost
- ✓ Improve Heating/Cooling Rate
- ✓ Wax free, No smoke during process

4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate(230°C/2.16 Kg)	ASTM D1238	g/10min	2±1
Moisture	ASTM D644	%	Max 0.1
Mineral Content	ASTM D 4218	%	77±1
Density	ASTM D 1505	g/cm ³	1.8

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