
Technical Datasheet

CALSIN SF100W

1) Product Description:

CALSIN SF100W is a polyolefin based wax free master-batch highly filled with a fine treated calcium carbonate. It is designed for use in applications that PE wax is prohibited such as PE/PP mono and multilayer sheets and bottles despite its applicable in injection molding and raffia bags too.

CALSIN SF100W improves optical and mechanical properties whilst providing significant cost reduction potential.

Furthermore it presents bluish white shade to the final product.

2) Application:

CALSIN SF100W is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending. Depending on the application and bottle size and shape it can be used from 5% to 20%.

3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
MFI (190 °C / 10 KG)	ASTM D1238	g/10min	Min.1
Moisture	ASTM D644	%	Max 0.2
Mineral content	ASTM D 4218	%	83±1
Pellet size	PPT METHOD	Pieces/cc	30-40
Density	ASTM D 1505	g/cm ³	1.92
Dispersion	PPT METHOD		OK