

## FILLER MASTERBATCH: MN-FL-1014C

### PHYSICAL PROPERTIES

Property	Method	Typical Values
Melt Index (190° C, 2.16 kg)	ASTM D1238	2.5 g/10min
Moisture	ASTM D7191-10	<1000 ppm
Bulk Density	ASTM D1895B	1.09 g/cm <sup>3</sup>
Density	ASTM D792	1.83 g/cm <sup>3</sup>
Calcium Carbonate	ASTM D5630	81 %
Mean Particle Size (D50)	Supplier	1.89
Top Cut (D98)	Supplier	7

This product is an economical Masterbatch based on very fine particle size coated Calcium Carbonate with LLDPE carrier which contributes to extrusion process stability and improved output.

It is also recommended for PE colored films for its anti-blocking properties and hiding power.

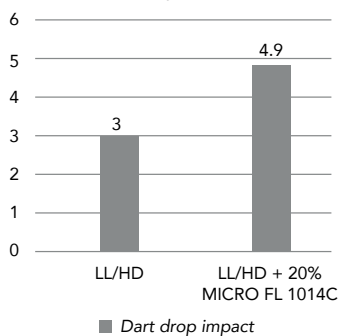
It can be used as an economical alternative for TiO<sub>2</sub> in some injection and molding applications.

### APPLICATIONS

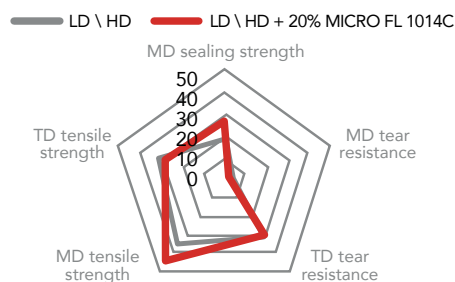
- Cast film
- Sheet extrusion / Thermoforming
- Blown extrusion Film, High MFI

### FEATURES

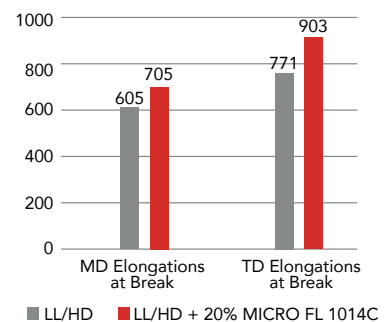
Dart Drop Impact Strength of Heavy Duty Bag blends containing different CaCO<sub>3</sub> Masterbatches at 20% loading



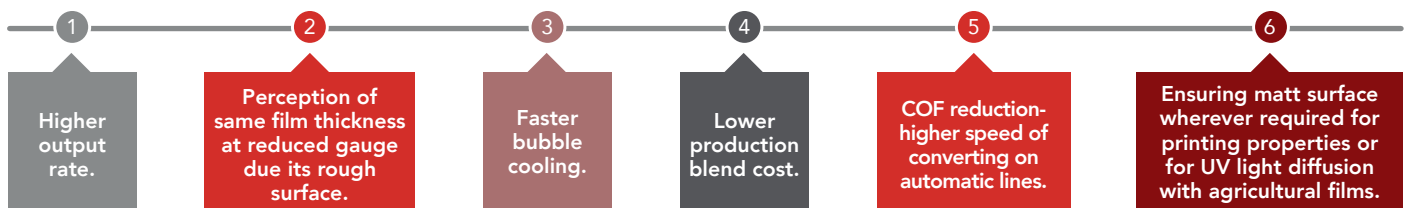
Tensile and Tear Resistance properties of Heavy Duty Bag blends containing different CaCO<sub>3</sub> Masterbatches at 20% loading



% MD/TD Elongations at Break of Heavy Duty Bag blends containing different CaCO<sub>3</sub> Masterbatches at 20% loading.



### BENEFITS



### OTHER GRADE UNDER THE SAME FAMILY

Property	Method	MICRO FL 1014 C7
Melt Index (190° C, 2.16 Kg)	ASTM D1238	1.35 g/10min
Bulk Density	ASTM D1895B	1.12 g/cm <sup>3</sup>
Density	ASTM D792	1.80 g/cm <sup>3</sup>
Calcium Carbonate	ASTM D5630	81 %
Mean Particle Size (D50)	SUPPLIER	1.6
Top Cut (D98)	SUPPLIER	8
Application		<ul style="list-style-type: none"> <li>• Cast film</li> <li>• Blown extrusion Film</li> </ul>