

FerroCling PW Masterbatch

A Surface Modification product










The premium cling masterbatch solution for PE blown stretch films

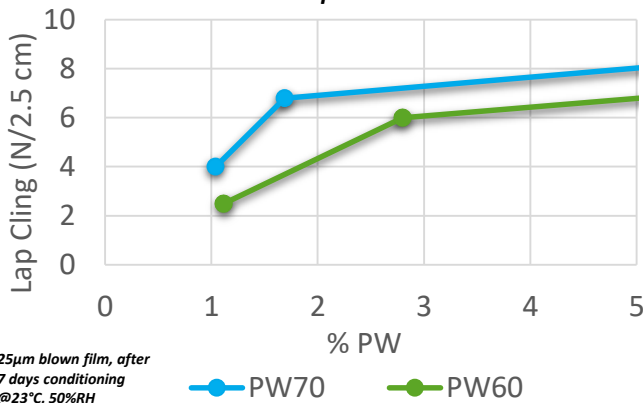
Characteristics & Details

Materials	Liquid PIB agent in LLDPE carrier @ 52%, 60% & 70%
Grades	PW 52 ; PW 60 ; PW 70
Form	Dried & non sticky pellet
Processing	Blown & Cast film extrusion ; General Extrusion ; Injection Molding
Nature / effect	Surface Tackifier for PE (migration) / grip agent for PP (compatibility)
Migration Time	24-72h to reach good cling properties

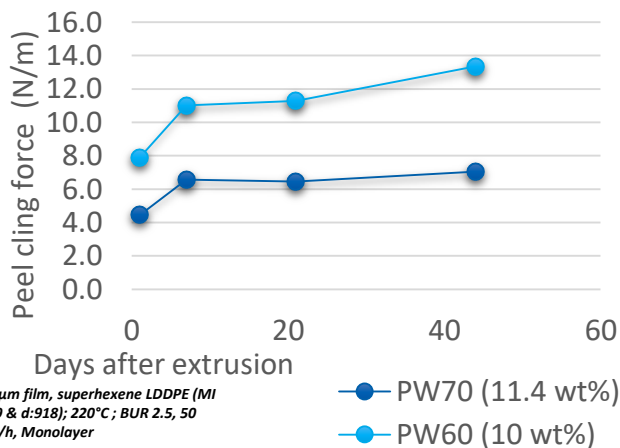
Comparison of Cling agent properties for PE blown stretch films

Properties & Processing	 Vs PO elastomers
Lap Cling effect 	PW 7X stronger
Peel Cling effect 	PW 7X stronger
Tear Resistance 	PW maintains this property
Puncture Resistance 	PW 40% more resistant to puncture
Transparency Haze level 	PW 3X clearer
Processing Aid effect 	PW decreases melt pressure down to 20%

PW range performance on Lap Cling effect after cling development



Peel Cling effect evolution during cling development



 Material & Application profile

 Effects brought

 Markets & End Applications



Resin Compatibility: **LLDPE, LDPE**
Processing mode: **Blown & Cast Films**

Different effect wished from end-markets:

<p>Lap Cling</p>  <p>Pallet stretch film/ Power stretch wrap</p>	<p>Peel Cling</p>  <p>Food stretch film/ Hand wrap films</p>	 <p>Silage stretch film</p>
<p>Grade PW70 2 to 6%</p>	<p>Grade PW60 Up to 15%</p>	

The information contained in this document is accurate to the best of our knowledge. We accept no liability of any kind in this respect. It is up to the customer to evaluate in his own process equipment.
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