



SOLVAY

asking more from chemistry®

SOLUTION TO IMPROVE TIRE PERFORMANCE

用于提高轮胎性能的方案

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Introduction of Solvay and market need 索尔维与市场需求介绍



1.1 Introducing Solvay
索尔维介绍



1.2 Market need of tire performance
轮胎性能的市场需求

2



Solution to improve tire performance 用于提高轮胎性能的方案



2.1 Performance improvement of PC Tires
轿车胎性能提升



2.2 Performance improvement of TB Tires
卡车胎性能提升



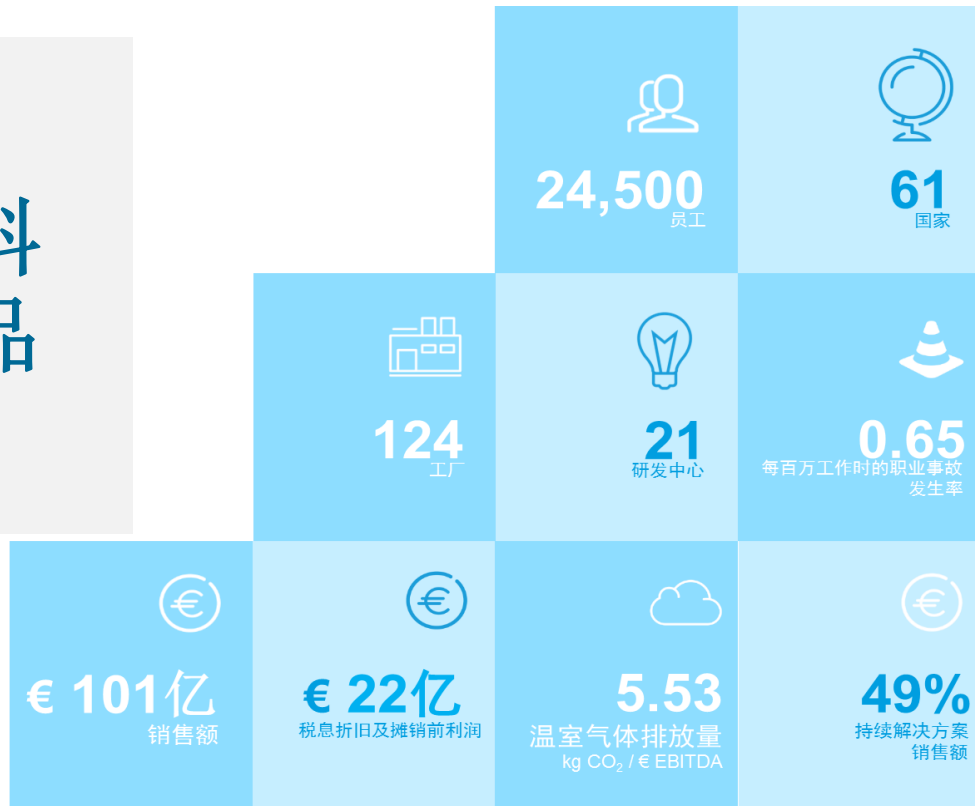
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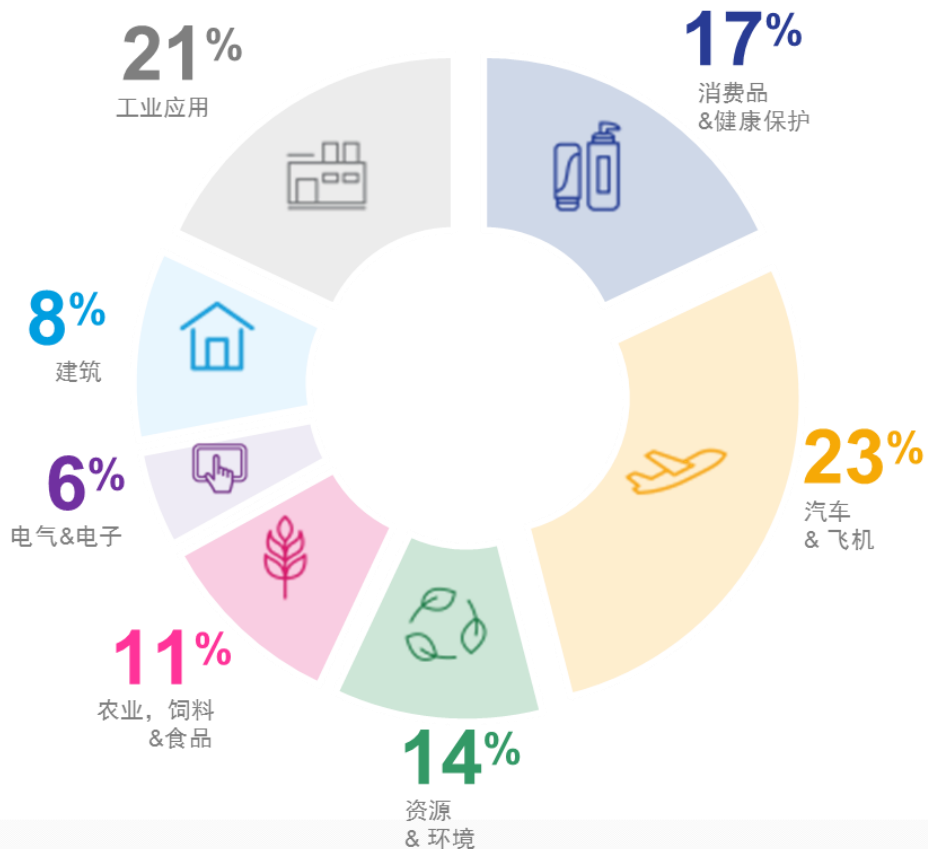
Summary 总结

1.1.1 Introducing Solvay 索尔维介绍

我们是一家
提供先进材料
和特种化学品的
公司

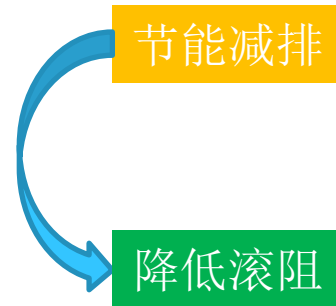
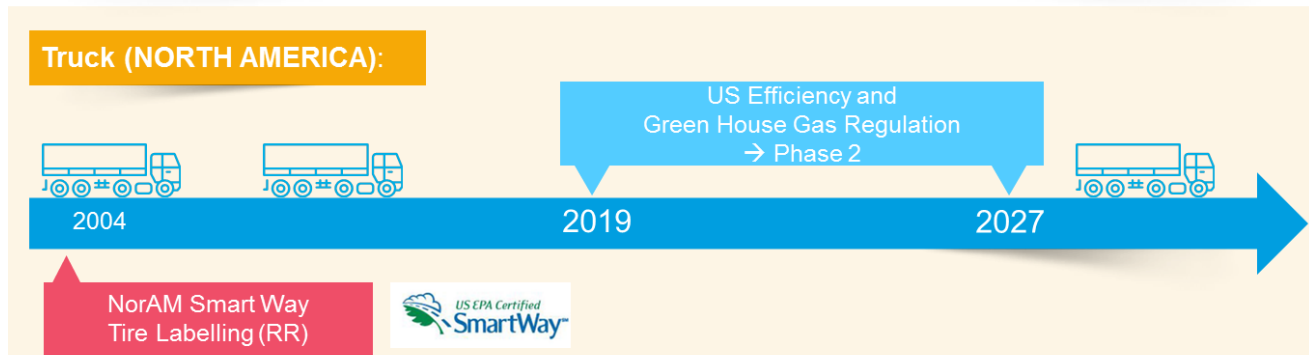
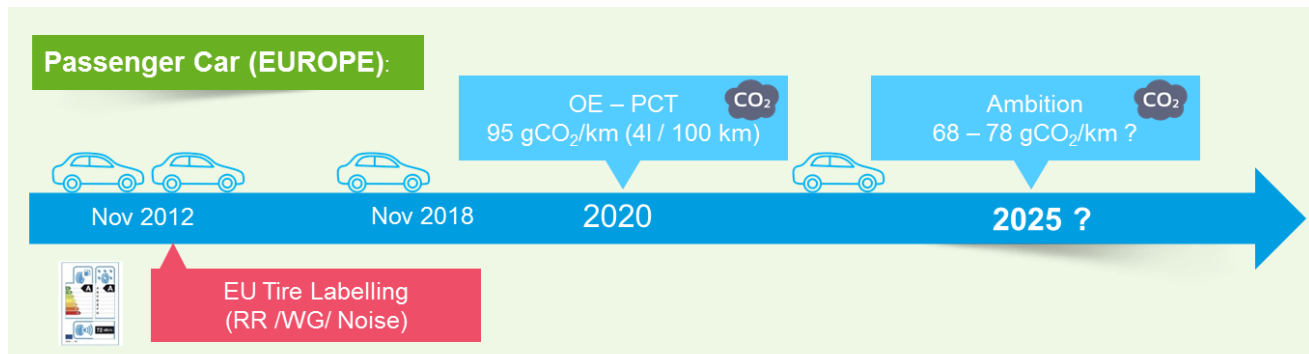


1.1.1 Introducing Solvay 索尔维介绍



1.2 Market need of tire performance

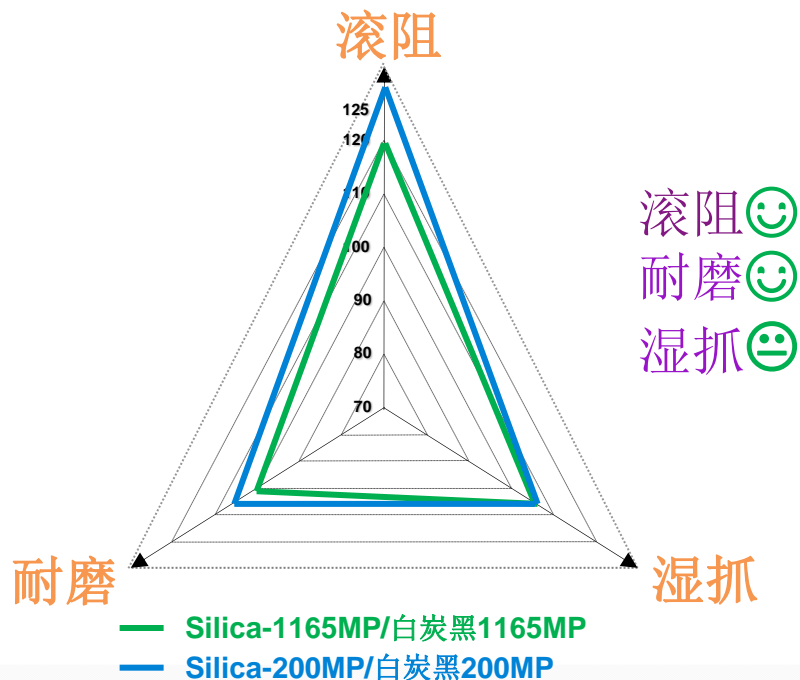
轮胎性能的市场需求



2 Solution to improve tire performance

用于提高轮胎性能的方案

Solvay Z. Premium. 200MP



2.1 Solution to improve tire performance

用于提高轮胎性能的方案-轿车胎性能提升

1) Trial recipe 试验配方

	1165MP 90Phr	200MP 80Phr
Rubber	100	100
Silica	90	80
TESPD	5.6	6.2
DPG	1.5	1.7
Others	Same	

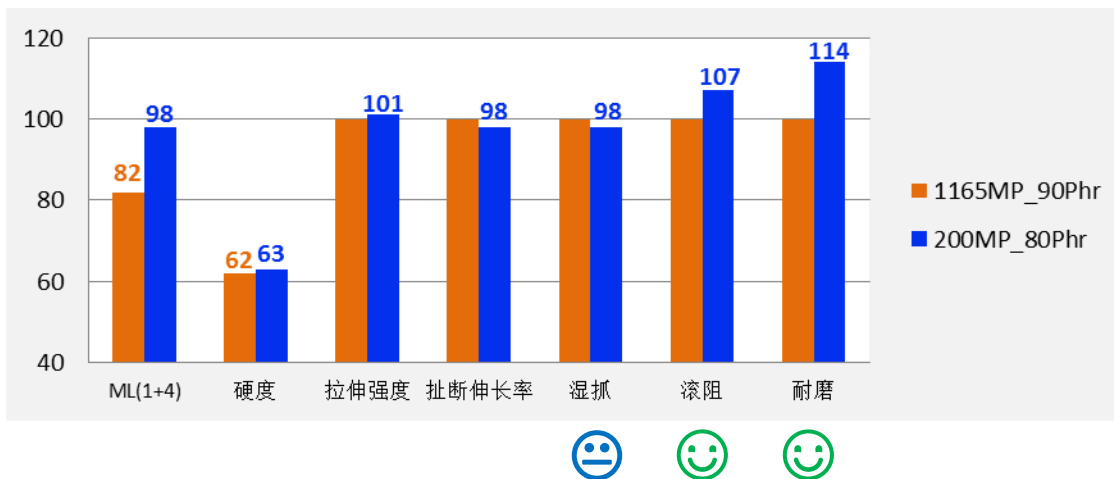
2) Mixing process 密炼工艺

- **Master compound 母胶:**
 - 两段密炼机母炼
- **Final compound 终胶:**
 - 开炼机加硫磺和促进剂

2.1 Solution to improve tire performance

用于提高轮胎性能的方案-轿车胎性能提升

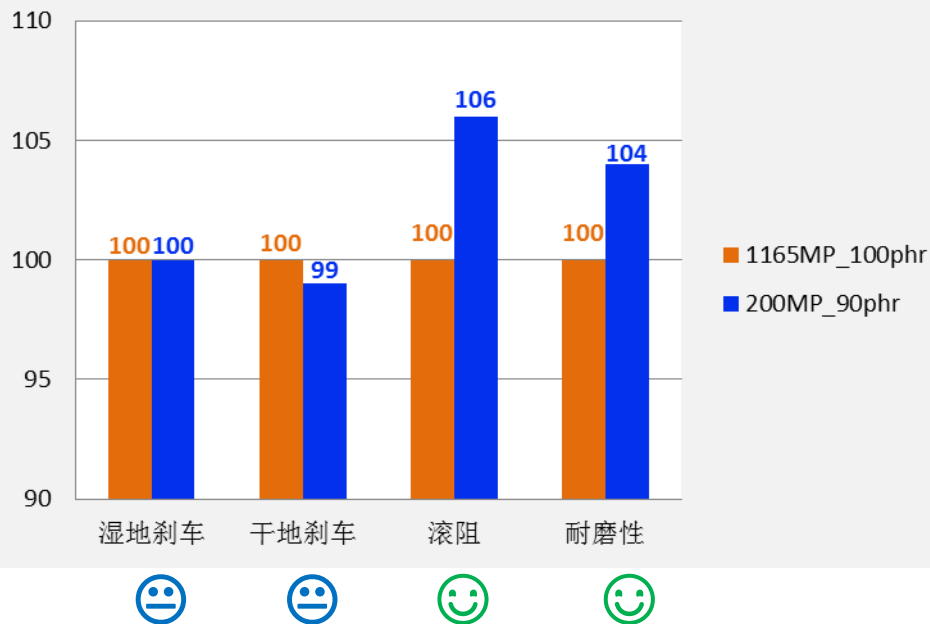
3) Compound properties 胶料性能



2.1 Solution to improve tire performance

用于提高轮胎性能的方案-轿车胎性能提升

4) Tire performance 轮胎性能



2.2 Solution to improve tire performance

用于提高轮胎性能的方案-卡车胎性能提升

1) Trial recipe 试验配方

	N121 50Phr	200MP 28Phr
NR	100	100
N121	50	27
200MP	0	28
TESPT	0	3.8
CBS	0.8	1.7
Others	Same	

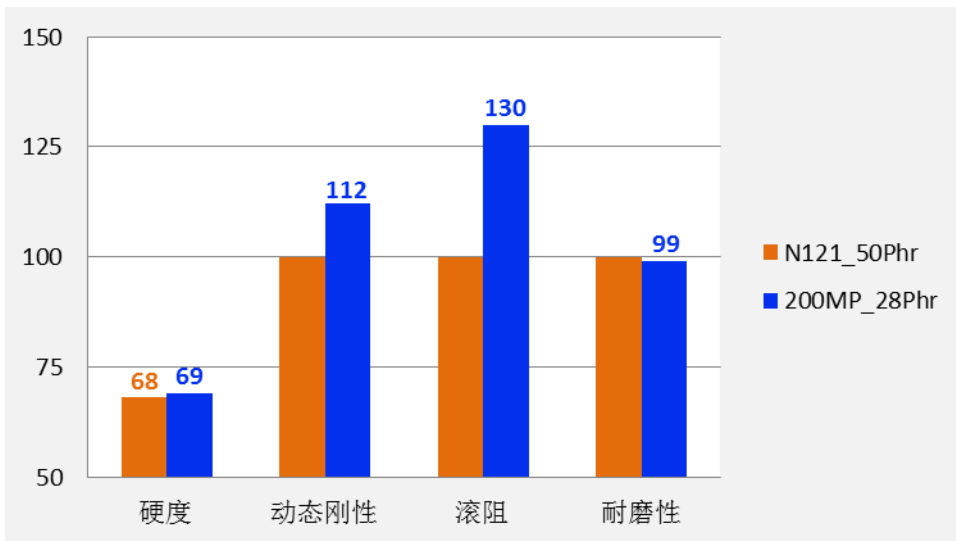
2) Mixing process 密炼工艺

- **Master compound 母胶:**
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- **Final compound 终胶:**
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2.2 Solution to improve tire performance

用于提高轮胎性能的方案-卡车胎性能提升

3) Compound properties 胶料性能



2.2 Solution to improve tire performance

用于提高轮胎性能的方案-卡车胎性能提升

4) Tire performance 轮胎性能

	N121 50Phr	200MP 28Phr	N234 50phr	1165MP 38phr	
RR滚阻	109	137	100	142	胶料 测试
Wear耐磨性	107	106	100	99	
RR滚阻	-	-	100	122	轮胎 测试
Wear耐磨性	-	-	100	91	

3 Summary总结

- 基于当前各国出台的提高汽车燃油效率和降低温室气体排放的法规以及轮胎标签法，轮胎滚动阻力需要进一步降低。
- 使用索尔维白炭黑**200MP**可以有效降低轿车胎和卡车胎的滚动阻力，同时对其它性能没有负面影响。

Thanks for your attention.

If any question or interest, please feel free
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