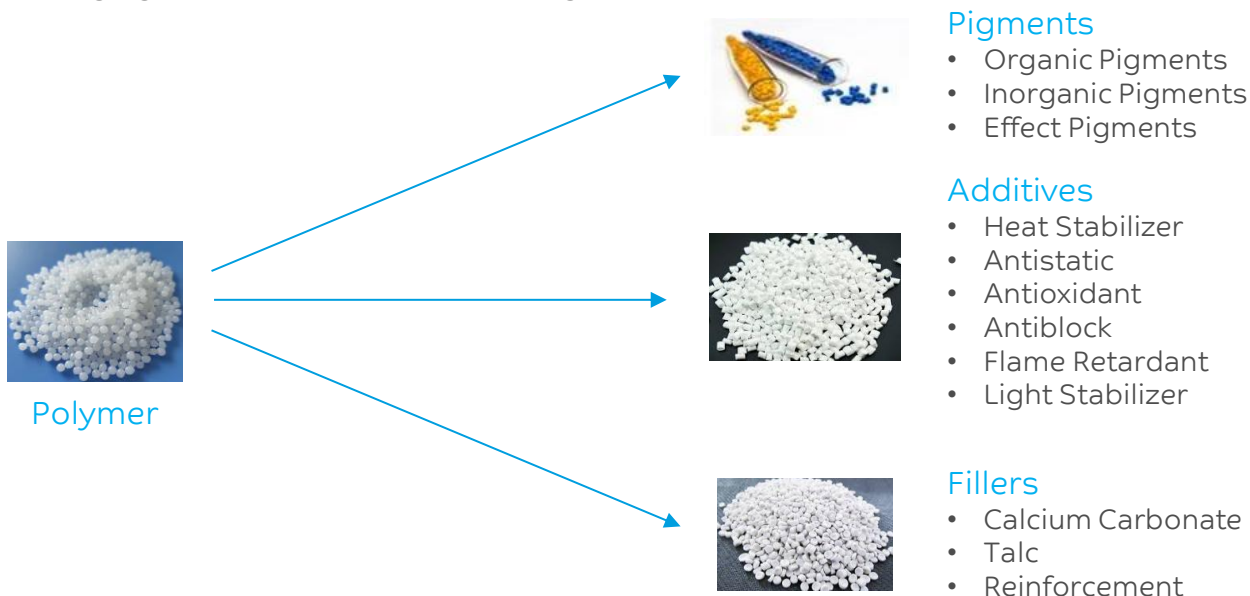


SABIC LLDPE SOLUTION FOR MASTERBATCH

- A masterbatch, also referred to as a concentrate, is a package for coloring plastics, to ensure certain chemical and physical properties in the final products.
- The growth is primarily driven by the expanding plastics industry especially in sectors like packaging, automotive, and consumer goods.



CHALLENGES IN THE INDUSTRY

- Pulverization of granule and smooth flow of powder
- Dispersion of pigments, additives and fillers
- Good processability needed to increase productivity
- Stronger and enhancement in color strength and color shade

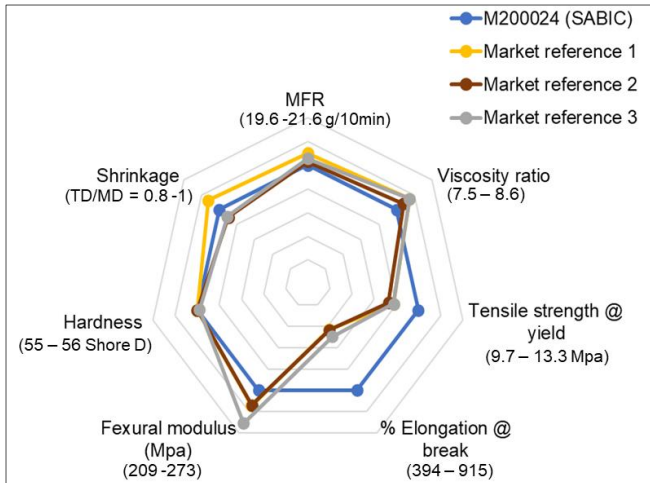
SABIC SOLUTION

- Offer reactor powder with very good flowability
- Better dispersion of pigments, additives and fillers
- Consistent color shade with good color strength
- Good mechanical properties of end-product with better gloss

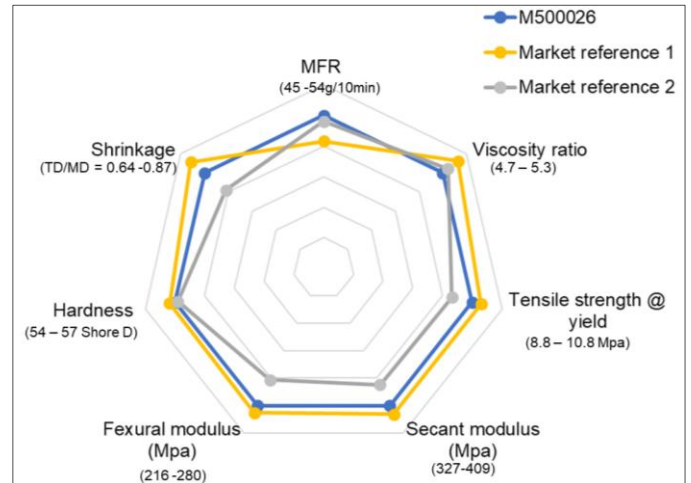
Grade	MFI (g/10min)	Density (g/cm ³)	Remarks
M200024	20	0.924	Granule
M500026	50	0.926	Granule
MG200024	20	0.924	Reactor Powder
MG500026	50	0.926	Reactor Powder

SABIC LLDPE SOLUTION FOR MASTERBATCH

PERFORMANCE OVERVIEW OF M200024 & M500026

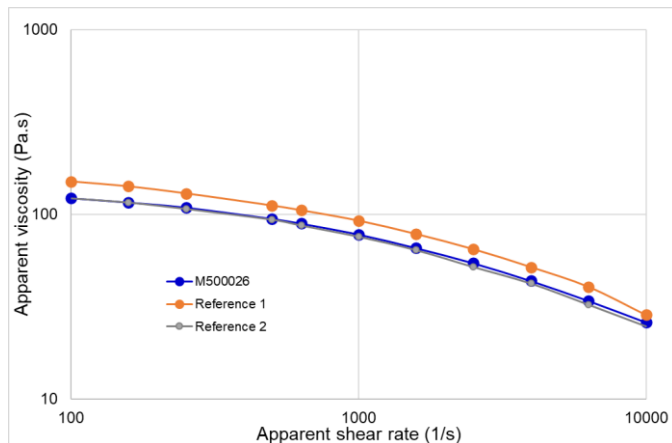


SABIC M200024 offers superior tensile strength with very high elongation



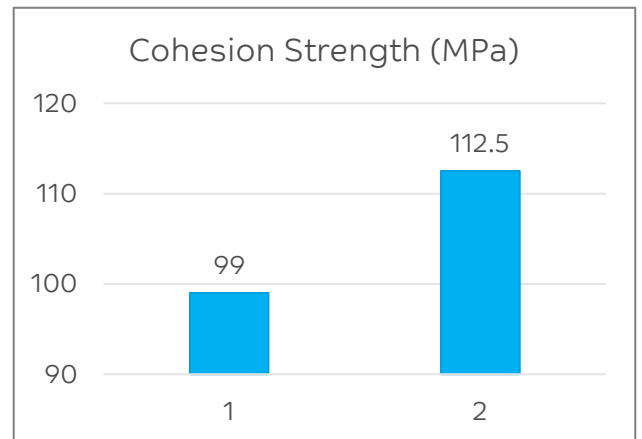
SABIC M500026 offers improved processability, superior stiffness

M500026 PERFORMANCE BENEFIT



- M500026 has lower viscosity in the shear regime, 100-10000 1/s
- It allows an increase in throughput, saving energy and reduce process cycle time

MG200024 BENEFIT OVER PULVARIZED POWDER



Low Cohesion Strength in MG200024 indicates

- Regular and spherical shape of powder particle
- Better flowability and dispersion

CONTACT US

SABIC HEADQUARTERS

PO Box 5101
Riyadh 11422
Saudi Arabia
T +966 (0) 11 225 8000
F +966 (0) 11 225 9000

EUROPE

SABIC Europe Head Office
WTC Tower Ten, 16th floor
Strawinskylaan 1475
1077 XX Amsterdam
The Netherlands

REST OF ASIA

SABIC Asia Pacific Head Office
One Temasek Avenue
#06-01 Millenia Tower
Singapore 039192
T +65 6557 2555
F +65 6531 8101

GREATER CHINA

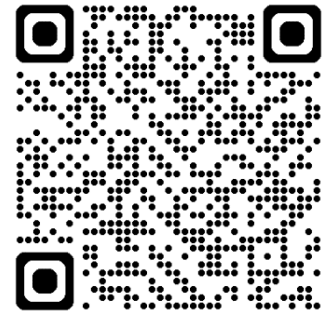
SABIC China Head Office
2550, Xiupu Road, Pudong
Shanghai, 201319
China
T +86 21 2037 8188
F +86 21 2037 8288

AMERICAS

SABIC Americas Head Office
Suite 100
2500 City West Boulevard
Houston, TX 77042
USA
T +1 713 532 4999
F +1 713 532 4994 E

FOR INQUIRIES & QUESTIONS

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