

## SABIC CAST POLYETHYLENE (CPE) FILM SOLUTION



### CHALLENGES IN THE INDUSTRY

- Poor sealing performance that lead to the packaging leakage
- Good processability needed to increase productivity
- Stronger packaging needed as film becomes thinner, while behavior of handling and transportation is unchanged

### VALUE PROPOSITION

- Good sealing performance
- Easy to process
- Good mechanical performance: impact resistance, puncture resistance, flex-crack resistance

### PRODUCT OFFERING

| GRADE                | Melt Index (g/10min) | Density (g/cm <sup>3</sup> ) | FEATURES  |
|----------------------|----------------------|------------------------------|---|
| SABIC® COHERE™ S400  | 3.5                  | 0.900                        | Excellent flexi-crack and dart impact resistance, enhanced heat sealing |
| SABIC® COHERE™ 8402  | 3.5                  | 0.902                        | Excellent flexi-crack and dart impact resistance                        |
| SABIC® COHERE™ 8315  | 3.0                  | 0.915                        | Excellent flexi-crack and dart impact resistance                        |
| SABIC® LDPE HP2023NN | 2.0                  | 0.923                        | Bubble stability and easily extrusion                                   |
| SABIC® LDPE HP4024N  | 4.0                  | 0.923                        |   |
| SABIC® LLDPE 218BJ   | 2.0                  | 0.918                        | Good mechanical strength and processability                             |
| SABIC® LLDPE 318BJ   | 2.8                  | 0.918                        |   |
| SABIC® LLDPE C2820T* | 2.8                  | 0.920                        |   |

\* Only available in China region

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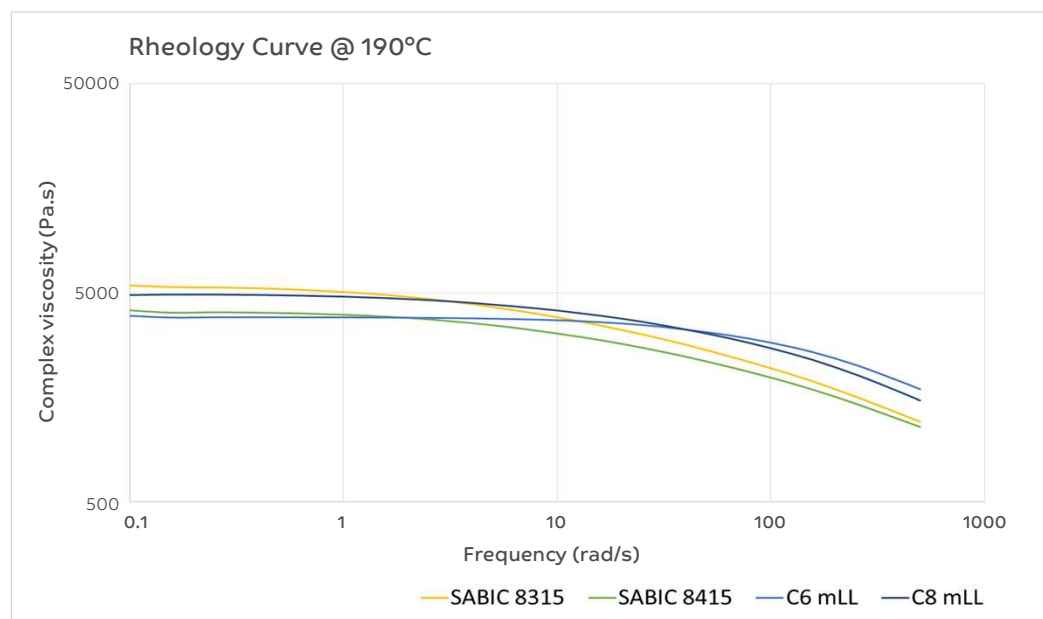
## ULTRA LOW SIT CPE SOLUTION

|         |   |     |
|---------|---|-----|
| Skin    | 40% SABIC® SUPEER™ 8315L + 50% LLDPE 318BJ + 10% LDPE HP4024N | 30% |
| Core    | 85% SABIC® LLDPE 318BJ + 15% LDPE HP4024N                     | 40% |
| Sealing | 60% SABIC® SUPEER™ 8315L + 40% COHERE 8402                    | 30% |

## LOW SIT CPE SOLUTION

|         |  |     |
|---------|--|-----|
| Skin    | 80% SABIC® LLDPE C2820T + 20 % LDPE HP4024N                    | 30% |
| Core    | 80% SABIC® LLDPE C2820T + 20 % LDPE HP4024N                    | 40% |
| Sealing | 50% SABIC® LLDPE C2820T + 20 % LDPE HP4024N + 30% SUPEER™ 8315 | 30% |

## PROCESSABILITY



Lower motor load, smoother production, lower haze (1% vs 5%)

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