

SABIC FLEXIBLE PACKAGING SOLUTION : LAMINATION FILM

SABIC PE grades for lamination films are aimed to meet ever changing requirements of the flexible packaging industry.

INDUSTRY CHALLENGES

- Down gauging and easy to recycle packaging to meet circular economy goals
- Increasing film performance, including stiffness toughness balance, dart impact, tear and puncture resistance.
- Sealing performance to increase packaging line speed and to maintain seal integrity.
- Meet food compliance standards, high product purity and safety requirements

POTENTIAL BENEFITS



EASY TO PROCESS



VERY GOOD TOUGHNESS



HIGH STIFFNESS

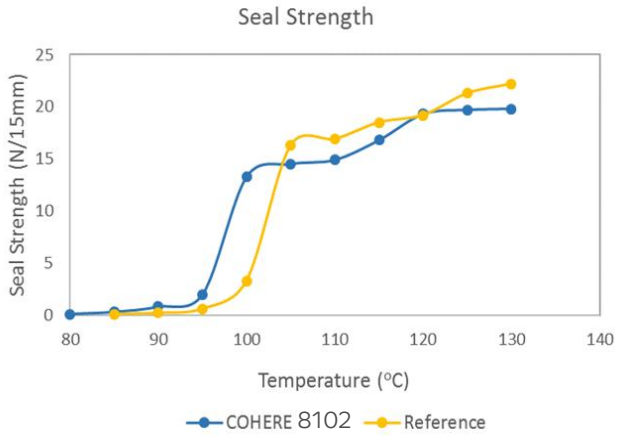


EXCELLENT SEALING

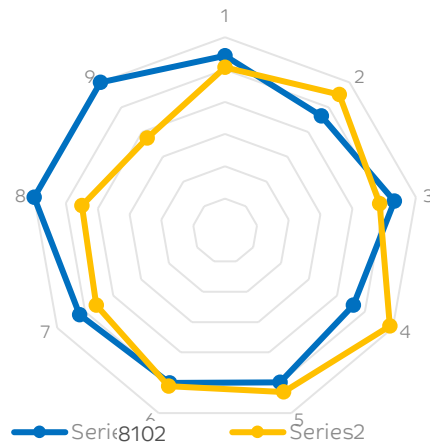
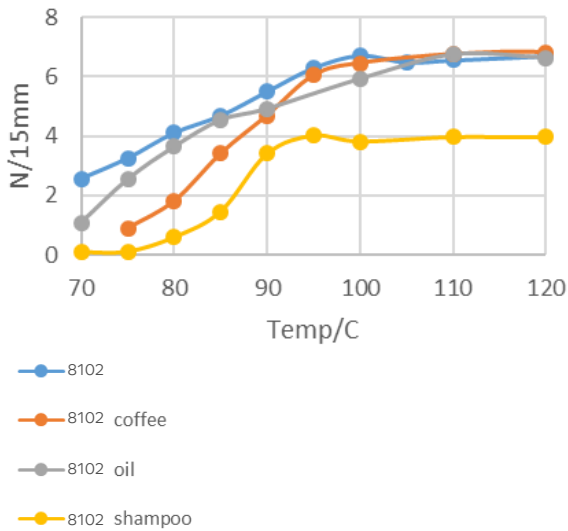
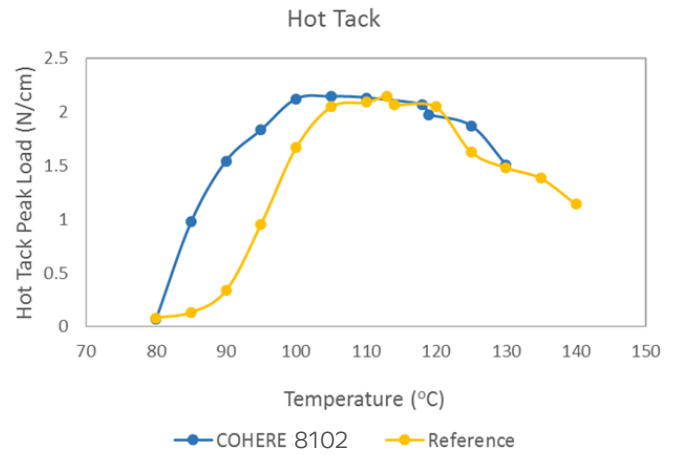
| SABIC PE Grade | Melt Index (g/10 min) | Density (g/cm ³) | Remarks |
|----------------|-----------------------|------------------------------|---------------------------------------|
| LLDPE | | | |
| 118WJ | 1.0 | 0.918 | Butene (C4) LLDPE. With Slip & AB |
| 118NJ | 1.0 | 0.918 | Butene (C4) LLDPE. Without Slip & AB |
| 6821NJ | 0.8 | 0.921 | Hexene (C6) LLDPE. Without Slip & AB |
| 6135NJ | 1.0 | 0.935 | Hexene (C6) Medium density LLDPE |
| mLLDPE | | | |
| 7118LA | 1.0 | 0.918 | Hexene (C6) mLLDPE. With Slip & AB |
| 7118A | 1.0 | 0.918 | Hexene (C6) mLLDPE. Without Slip & AB |
| LDPE | | | |
| HP0723JN | 0.75 | 0.923 | With Slip & AB |
| HDPE | | | |
| F04660 | 0.7 | 0.961 | Excellent stiffness |
| POP | | | |
| 8102L | 1.0 | 0.902 | Excellent sealing property |

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SEAL STRENGTH PERFORMANCE



HOT TACK CURVE



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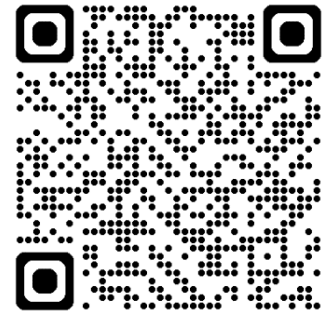
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