

Exceed™ Exceed™ Flow Exceed™ Tough ExxonMobil™

# Polypropylene product finder

## Asia Pacific

| Grades               | MFR                                      | Flexural modulus 1% secant          |                                   | Notched Izod impact           |                                  | Heat deflection temperature              |                                    | Automotive | Appliance | Nonwoven | Rigid packaging | Juvenile | Medical applications  |  |                     |  |  |
|----------------------|--|-------------------------------------|-----------------------------------|-------------------------------|----------------------------------|--|------------------------------------|------------|-----------|----------|-----------------|----------|-----------------------|--|---------------------|--|--|
|                      | (230°C/2.16kg)<br>(g/10min)<br>AS™ D1238 | (MPa)<br>at 1.3 mm/min<br>AS™ D790A | (MPa)<br>at 2.0 mm/min<br>ISO 178 | (J/m)<br>at 23°C<br>AS™ D256A | (kJ/m²)<br>at 23°C<br>ISO 180/1A | (°C) at 66 psi<br>Unannealed<br>AS™ D648 | (°C)<br>at 0.45 MPa<br>ISO 75-2/Bf |            |           |          |                 |          |                       |  |                     |  |  |
| <b>Exceed™</b>       |  |                                     |                                   |                               |                                  |  |                                    |            |           |          |                 |          | <b>Typical values</b> |  | <b>Applications</b> |  |  |
| AP3N                 | 10                                       | 1580                                | 1570                              | 110                           | 9.4                              | 111                                      | 101                                | ●          | ●         |          |                 |          |                       |  |                     |  |  |
| AP3AW                | 10                                       | 1410                                | 1300                              | 120                           | 14                               | 99.0                                     | 91.7                               | ●          |           |          |                 |          |                       |  |                     |  |  |
| PP7123KNE1           | 11                                       | 1570                                | 1680                              | 85                            | 6.9                              | 116                                      | 102                                | ●          | ●         |          | ●               |          |                       |  |                     |  |  |
| PP6014MED            | 14                                       | 1430                                | —                                 | 23                            | —                                | 55.1*                                    | —                                  |            |           |          |                 |          | ●                     |  |                     |  |  |
| PP8864E1             | 14                                       | 1050                                | 1110                              | 740                           | 51                               | —  | 83.2                               | ●          |           |          |                 |          |                       |  |                     |  |  |
| AP03B                | 30                                       | 1380                                | 1380                              | 85                            | 10                               | 106                                      | 95.0                               | ●          | ●         |          |                 |          |                       |  |                     |  |  |
| PP3155E5             | 36                                       | —                                   | —                                 | —                             | —                                | —  | —                                  |            |           | ●        |                 |          |                       |  |                     |  |  |
| PP7585E1             | 50                                       | 1220                                | 1310                              | 64                            | 6.2                              | --                                       | 89.3                               | ●          |           |          |                 |          |                       |  |                     |  |  |
| <b>Exceed™ Tough</b> |  |                                     |                                   |                               |                                  |  |                                    |            |           |          |                 |          | <b>Typical values</b> |  | <b>Applications</b> |  |  |
| PP3684               | 14                                       | 1430                                | —                                 | 23                            | —                                | 55.1*                                    | —                                  |            |           | ●        |                 |          |                       |  |                     |  |  |
| PP8285E1             | 30                                       | 993                                 | 1020                              | No break                      | 46                               | 92.0                                     | 82.8                               | ●          |           |          |                 | ●        |                       |  |                     |  |  |
| <b>Exceed™ Flow</b>  |  |                                     |                                   |                               |                                  |  |                                    |            |           |          |                 |          | <b>Typical values</b> |  | <b>Applications</b> |  |  |
| PP3655E1             | 58                                       | —                                   | —                                 | —                             | —                                | —  | —                                  |            |           | ●        |                 |          |                       |  |                     |  |  |
| PP7935E1             | 60                                       | 1650                                | 1660                              | 44                            | 5.6                              | 121                                      | 108                                | ●          |           |          | ●               |          |                       |  |                     |  |  |
| PP7985E1             | 65                                       | 1590                                | 1610                              | 60                            | 6.1                              | 118                                      | 108                                | ●          |           |          |                 |          |                       |  |                     |  |  |
| PP7945E1             | 115                                      | —                                   | 1820                              | —                             | 5.1                              | —  | 114                                | ●          |           |          |                 |          |                       |  |                     |  |  |
| <b>ExxonMobil™</b>   |  |                                     |                                   |                               |                                  |  |                                    |            |           |          |                 |          | <b>Typical values</b> |  | <b>Applications</b> |  |  |
| PP7032E3             | 4  | 1210                                | 1140                              | No break                      | 53                               | 90.6                                     | 82.0                               | ●          | ●         |          | ●               | ●        |                       |  |                     |  |  |
| PP7032KN             | 4  | 1380                                | 1360                              | No break                      | 52                               | 106                                      | 95.7                               |            | ●         |          | ●               | ●        |                       |  |                     |  |  |
| PP7033E3             | 8  | 1140                                | 1190                              | 280                           | 13                               | 90.2                                     | 85.3                               | ●          | ●         |          | ●               | ●        |                       |  |                     |  |  |
| PP7033N              | 8  | 1360                                | 1260                              | 210                           | 13                               | 100                                      | 91.5                               | ●          | ●         |          | ●               | ●        |                       |  |                     |  |  |
| PP7555KNE2           | 50                                       | 1340                                | 1270                              | 94                            | 7.4                              | 105                                      | 93.0                               | ●          | ●         |          | ●               |          |                       |  |                     |  |  |

\* 1.8 MPa, Unannealed—AS™ D648

## What's new: ExxonMobil Signature Polymers

All our polymers are now positioned under a single portfolio brand: Signature Polymers. The aim is to simplify our product architecture and naming to improve portfolio navigation for you. We would like to stress that our commitment to high quality products remains the same, it is the names that change. Everything else remains the same. We will be making these modifications over the next six months so you will see both old and new grade names highlighted during that time. Here's a quick overview of brands and grade names that have changed in this document:

### Legacy commercial name

Achieve™ Advanced PP3655E1  
Achieve Advanced PP3684  
Achieve Advanced PP7123KNE1  
Achieve Advanced PP7945E1  
Achieve Advanced PP7985E1  
Achieve Advanced PP8285E1  
ExxonMobil™ AP03B  
ExxonMobil AP3N  
ExxonMobil AP3AW  
ExxonMobil PP3155E5  
ExxonMobil PP6014MED  
ExxonMobil PP7585E1  
ExxonMobil PP7935E1  
ExxonMobil PP8864E1

### New commercial name

Exceed™ Flow PP3655E1  
Exceed™ Tough PP3684  
Exceed™ PP7123KNE1  
Exceed Flow PP7945E1  
Exceed Flow PP7985E1  
Exceed Tough PP8285E1  
Exceed™ AP03B  
Exceed AP3N  
Exceed AP3AW  
Exceed PP3155E5  
Exceed PP6014MED  
Exceed PP7585E1  
Exceed Flow PP7935E1  
Exceed PP8864E1

Want to see what's changed in our portfolio? Go to [exxonmobilchemical.com/sptransform](https://exxonmobilchemical.com/sptransform)

Contact us for more information: [exxonmobilchemical.com/pp](https://exxonmobilchemical.com/pp)

**ExxonMobil**  
*Signature Polymers*

Bring your impossible



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