



Exceed™ high performance polypropylene

## Exceed™ PP7755KNE1 empowers thin wall injection molding (TWIM) and brings innovative food container solution



High flowability



Excellent low-temperature  
impact resistance



Improved cycle time  
with better processability

Data and results presented herein apply specifically to the noted application under this machine run sheet. Your results may differ depending on factors such as operating conditions, equipment and materials used.

### Polymer properties

| Physical                              |         | Test based on | Typical Value         |
|---------------------------------------|---------|---------------|-----------------------|
| Melt Flow Rate<br>(230°/4/2.16 kg)    |         | ASTM D1238    | 75 g/10min            |
| Mechanical                            |         |               |                       |
| Tensile Stress @ Yield<br>(50 mm/min) |         | ISO 527       | 23.6 Mpa              |
| Flexural Modulus<br>(2 mm/min)        |         | ISO 178       | 1310 Mpa              |
| Impact                                |         |               |                       |
| Notched Izod Impact Strength          | @ 23°C  | ISO 180/A     | 7.7 kJ/m <sup>2</sup> |
|                                       | @ -18°C |               | 4.0 kJ/m <sup>2</sup> |
| Notched Charpy Impact Strength        | @ 23°C  | ISO 179/1eA   | 8.0 kJ/m <sup>2</sup> |
|                                       | @ -20°C |               | 3.5 kJ/m <sup>2</sup> |
| Gardner Impact @ -29°C                |         | ASTM D5420    | 17.5 J                |



Successful machine demo at CHINAPLAS 2025 with Welltec.  
Please refer to detail machine specification on page 2.



For more information: [exxonmobilchemical.com/pp](https://exxonmobilchemical.com/pp)



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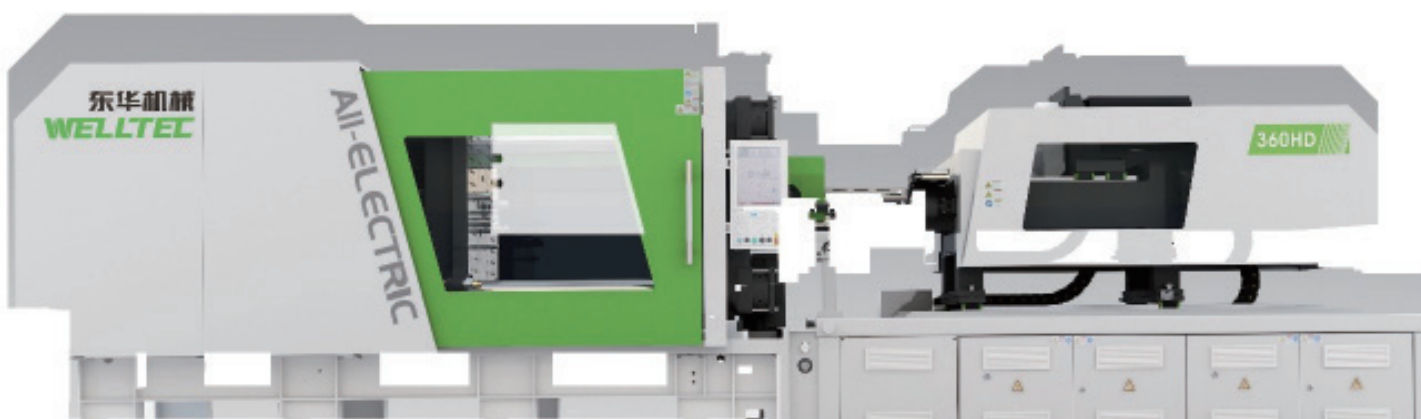
# 360HD Electric Injection Molding Machine

东华机械  
**WELLTEC**

The D-series all-electric injection molding machines, developed by Welltec Machinery with 20 years of design experience in all-electric injection molding machines, feature perfect coordinated control functions. This makes the entire machine more responsive and achieves higher control accuracy. The position accuracy of each moving axis such as injection, melting glue, mold opening and closing, and ejection can reach extremely high precision levels, making it suitable for the fully automated production of precision products. It has established a good reputation and acclaim in industries like medical care, new energy vehicles, and packaging.

At this exhibition, Welltec's showcased 360HD all-electric injection molding machine demonstrated to users the rapid production of yogurt cups on-site. By providing a one-stop solution, it efficiently and quickly produces products. The production cycle for 12-cavity yogurt cups reaches an industry-leading level of minimum 4.85 seconds.

\* Above information are provided by Welltec Machinery Ltd.



Welltec Machinery Limited.  
<https://www.donghua-ml.com>

## What's new: **ExxonMobil Signature Polymers**

All our polymers are now positioned under a single portfolio brand: ExxonMobil 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. The composition of the products remains the same, it is the names that change. We will be making these modifications over the next few months, through mid 2025, so you will see both old and new grade names highlighted during that time.

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

**ExxonMobil**  
*Signature Polymers*

**Bring your impossible**

ExxonMobil Signature Polymers was born from the belief that people fuel progress. From automotive and construction to packaging, agriculture, industrial, and beyond, we leverage the scale and reach of ExxonMobil to deliver the insights and innovations that empower our diverse, global partners to take their businesses to new heights. We continuously work to provide the listen-first, service-driven, gamechanging collaboration that unlocks opportunities for our partners and advances their sustainability and business goals.