



Exceed™ ExxonMobil™ PP

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.

Exceed™ PP7755KNE1	Test conditions	Test based on	Units	Typical value
Melt flow rate (MFR)	230°C/2.16 kg	ASTM D1238	g/10 min	75
Tensile stress at yield	50 mm/min	ISO 527	MPa	23.6
Flexural modulus	2 mm/min	ISO 178	MPa	1310
Notched Izod impact strength	23°C/-18°C	ISO 180/A	kJ/m²	7.7/4.0

Other live demo grade in TWIM food packaging:

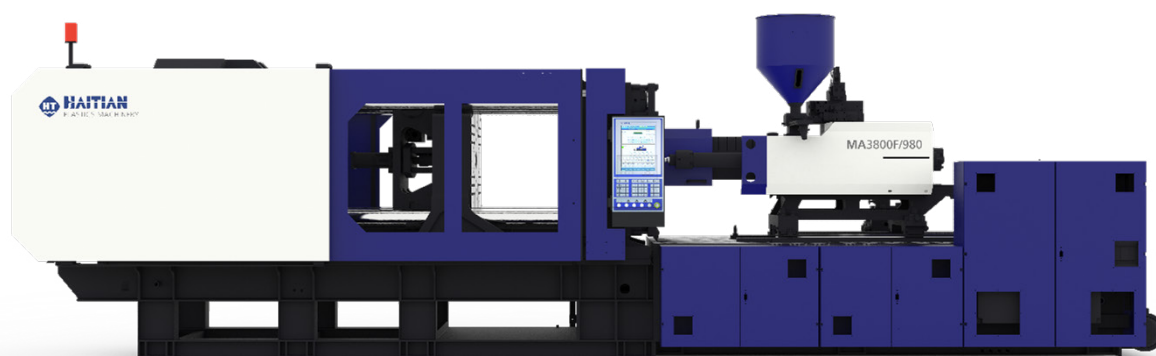
ExxonMobil™ PP7555KNE2	Test conditions	Test based on	Units	Typical value
Melt flow rate (MFR)	230°C/2.16 kg	ASTM D1238	g/10 min	50
Tensile strength at yield	51 mm/min	ASTM D638	MPa	25
Flexural modulus - 1% secant	1.3 mm/min	ASTM D790A	MPa	1340
Notched Izod impact (RTNI)	23°C	ASTM D256A	J/m	94

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Values given are typical and should not be interpreted as specifications.
Data generated by or on behalf of ExxonMobil.
ExxonMobil PP7555KNE2 is cleared for food contact applications.
Contact your ExxonMobil representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Haitian MA3800F/1280

Haitian Injection Molding Machine for Fast Cycle Applications



Clamping unit

Clamping force	kN	3800
Mold opening stroke	mm	700
Distance between tie-bars (H x V)	mm	670 x 670
Mold height min.	mm	300
Mold height max.	mm	710
Ejector stroke	mm	160
Ejector tonnage	kN	110

Injection unit

Screw diameter	mm	1280
Screw L/D ratio	L/D	60
Injection volume (theoretical)	cm ³	25
Injection weight (PS)	g	791
Injection pressure	MPa	720
Plasticizing rate (HDPE)	g/s	160
Injection rate (PS)	g/s	102.7
Injection speed	mm/s	1241
Screw speed	rpm	500
		0 - 280

Others

System pressure	MPa	21
Pump motor power	kW	57.7 + 57.7
Heater power	kW	40
Machine dimension (L x W x H)	m	8.0 x 1.92 x 2.5
Machine weight	t	675
Oil tank capacity	L	18

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 six months so you will see both old and new grade names highlighted during that time. The gradeslate of Vistamaxx performance polymers will remain unchanged.

Want to see what's changed in our portfolio?
Go to exxonmobilchemical.com/sptransform

Contact us for more information: exxonmobilchemical.com/pp

ExxonMobil
Signature Polymers

Bring your impossible



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