

# ExxonMobil PP

## PP 7064L1

ExxonMobil PP 7064L1 is an impact copolymer resin with good flowability and high crystallinity. The product displays an excellent stiffness/toughness balance. This product is nucleated and contains an antistatic agent.

### Typical values

Properties		Unit	Test method (based on)	Value
Melt flow rate	MFR 230/2.16	g/10 min	ISO 1133	16
<b>Mechanical properties</b>				
Tensile modulus of elasticity (secant, $v = 1$ mm/min)		MPa	ISO 527-2	1600
Tensile yield stress ( $v = 50$ mm/min)		MPa	ISO 527-2	25
Tensile yield strain ( $v = 50$ mm/min)		%	ISO 527-2	4
Flexural modulus		MPa	ISO 178	1500
Izod impact strength notched	+ 23 °C	kJ/m <sup>2</sup>	ISO 180/1A	6
Charpy impact strength notched	+ 23 °C	kJ/m <sup>2</sup>	ISO 179/1eA	8.5
	± 0 °C			5.5
	- 20 °C			4.5
Shore-hardness D			ISO 868	64
<b>Thermal properties</b>				
Melting point, DSC		°C	ISO 3146	162
Crystallisation point, DSC		°C	ISO 3146	127
Heat deflection temperature	- HDT/A (1.8 MPa)	°C	ISO 75-2	54
	- HDT/B (0.45 MPa)			100
Vicat softening temperature	- VST/A50 (10 N)	°C	ISO 306	148
<b>Other properties</b>				
Density		g/cm <sup>3</sup>	ISO 1183	0.9

### Applications

Housewares, furniture, cylindrical containers, crates and containers

To the best of our knowledge, the polymers and copolymers grades mentioned in this page are intended for various food contact applications in the European Members States and the USA. Restrictions and use limitations may apply. Please contact your ExxonMobil Chemical representative for more detailed information and/or actual compliances certification documents.

ExxonMobil PP 7064L1 has not been designed for applications in the pharmaceutical/medical sector. ExxonMobil Chemical therefore strongly discourages the use of ExxonMobil PP 7064L1 for applications in the pharmaceutical/medical sector.