

ExxonMobil™ PP1105E1

Polypropylene Homopolymer

ExxonMobil Chemical

Message:

A homopolymer resin with high melt flow rate for general purpose injection molding.

General Information			
UL YellowCard	E31790-100718800		
Features	Workability, good		
	Controlled rheology		
	High liquidity		
	General		
	Narrow molecular weight distribution		
Uses	Packaging		
	Application in Automobile Field		
	Non-woven fabric		
	Fiber		
	Consumer goods application field		
	Fabric		
Appearance	Natural color		
Forms	Particle		
Processing Method	Composite		
	Injection blowing molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.4	MPa	ASTM D638
Flexural Modulus - 1% Secant ²	1470	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	94.6	°C	ASTM D648
Legal statement			
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NOTE			

1.	51 mm/min
2.	1.3 mm/min

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