

ExxonMobil™ PP7033E2

Polypropylene Impact Copolymer

ExxonMobil Chemical

Message:

A copolymer resin with high crystallinity and high impact strength is used in injection molding occasions requiring medium melt flow rate.

General Information			
UL YellowCard	E31790-230751		
Features	Good dimensional stability		
	Good coloring		
	Medium liquidity		
	Medium impact resistance		
Uses	Child Safety Seats		
	Application in Automobile Field		
	Car interior parts		
	Car interior equipment		
	Toys		
	Consumer goods application field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.8	MPa	ASTM D638
Tensile Elongation ² (Yield)	6.4	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	1120	MPa	ASTM D790A
-- ⁴	1300	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	230	J/m	ASTM D256A
Dart Drop Impact ⁵ (-29°C, 3.18 mm)	23.8	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.4	°C	ASTM D648
Legal statement			
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NOTE	
1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min
4.	13 mm/min
5.	Geometry GC

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