

ExxonMobil™ PP7905E1

Polypropylene Impact Copolymer

ExxonMobil Chemical

Message:

A copolymer resin with high crystallinity and low impact strength is used in composite base materials or injection molding applications requiring high melt flow rates.

General Information	
Features	Nucleated
	Rigidity, high
	High liquidity
Uses	Composite
	Application in Automobile Field
Appearance	Natural color
Forms	Particle
Processing Method	Blow molding
	Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	100	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	33.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	4.4	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	1750	MPa	ASTM D790A
-- ⁴	2010	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	33	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	121	°C	ASTM D648

Legal statement

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.未经埃克森美孚化工书面允许,这种产品包括其产品名称,不得在任何医疗应用领域予以使用或

NOTE	
1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min

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