

ExxonMobil™ PP7143KNE1

Polypropylene Impact Copolymer

ExxonMobil Chemical

Message:

A high impact copolymer resin designed for consumer and industrial applications.

General Information			
Features	Nucleated		
	Good dimensional stability		
	Good coloring		
	Medium liquidity		
	Thermal stability, good		
	Good demoulding performance		
Uses	Pallets		
	Industrial application		
	Container		
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)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	21.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	5.1	%	ASTM D638
Flexural Modulus - 1% Secant ³	1100	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Dart Drop Impact ⁴ (-29°C, 3.18 mm)	33.8	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	91.3	°C	ASTM D648
Legal statement			
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NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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