

ExxonMobil™ PP7654KNE2

Polypropylene Impact Copolymer

ExxonMobil Chemical

Message:

A copolymer resin with high impact strength, with medium melt flow rate and excellent processability. It is suitable for injection molding of large consumer goods and industrial parts.

General Information			
UL YellowCard	E31790-101032054		
Features	Good dimensional stability		
	Good coloring		
	Thermal stability, good		
	Good demoulding performance		
	Medium impact resistance		
Uses	Household goods		
	Application in Automobile Field		
	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)	17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.2	MPa	ASTM D638
Tensile Elongation ² (Yield)	4.6	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	1230	MPa	ASTM D790A
-- ⁴	1380	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ⁵ (23°C)	230	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.6	°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.	Value reported is for complete breaks only.

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