

ExxonMobil™ PP9574E6

Polypropylene Random Copolymer

ExxonMobil Chemical

Message:

A random copolymer resin with high transparency is used in general-purpose injection molding occasions requiring antistatic accumulation.

General Information			
Features	Ethylene oxide disinfection		
	Antistatic property		
	Controlled rheology		
	Definition, high		
Uses	Packaging		
	Shield		
	Shell		
	Medical/nursing supplies		
	Hard packaging		
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)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.5	MPa	ASTM D638
Tensile Elongation ² (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	993	MPa	ASTM D790A
-- ⁴	1220	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	88	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	76.2	°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

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