

ExxonMobil™ PP4712E1

Polypropylene Homopolymer

ExxonMobil Chemical

Message:

An easy-to-process homopolymer resin designed mainly for stretch films.

General Information			
Features	Electroplating		
Uses	Directional film		
	Industrial application		
	Tobacco outer packaging flexible packaging		
Appearance	Natural color		
Forms	Particle		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	34.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	1430	MPa	ASTM D790A
-- ⁴	1600	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	52	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.3	°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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