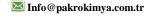
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Product Datasheet

ExxonMobil™ PP1352E1

Polypropylene Homopolymer



Product Description

A medium melt flow rate homopolymer resin designed for appliance and other consumer products requiring long-term heat-aging resistance.

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General	- North A						
Features •		North America Detergent Resistant General Purpose Good Processability		Heat Aging ResistantHeat StabilizedMedium Flow		Thermal Aging Resistant	
Uses •		Appliance Components		 Appliances 		Consumer Applications	
0		Color		11			
Form(s)	 Pellets 						
Processing Method	 Compou 	ınding	Extrusion			 Injection Molding 	
Revision Date	• 04/01/2					,	J
Physical Melt Mass-Flow Rate (MFR) (230°C/2.16 Density			(English) g/10 min g/cm ³	Typical		g/10 min	Test Based On ASTM D1238 ExxonMobil Method
Mechanical Tensile Strength at Yield 2.0 in/min (51 mm/min)	T	ypical Value 5240	100	Typical	Value 36.1		Test Based On ASTM D638
Elongation at Yield (2.0 in/min (51 mm/m	۱))	10	%		10	%	ASTM D638
Flexural Modulus - 1% Secant 0.051 in/min (1.3 mm/min) 0.51 in/min (13 mm/min)		224000 255000	psi psi		1550 1760		ASTM D790A ASTM D790B
Impact	Т	ypical Value	(English)	Typical	Value	(SI)	Test Based On
Notched Izod Impact (73°F (23°C))		7.1	ft·lb/in	/	35	. ,	ASTM D256A
Unnotched Izod Impact (0°F (-18°C))		0.40	ft·lb/in		21	J/m	ASTM D256E
Thermal Deflection Temperature Under Load (DTU at 66psi - Unannealed		ypical Value 200		Typical	Value 93.6	(SI) °C	Test Based On ASTM D648
Deflection Temperature Under Load (DTU at 264psi - Unannealed	_)	126	°F		52.0	°C	ASTM D648
Hardness	Т	ypical Value	(English)	Typical	Value	(SI)	Test Based On
Rockwell Hardness		101			101	1	ASTM D785

Legal Statement

This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Typical properties: these are not to be construed as specifications.

Effective Date: 04/01/2018 ExxonMobil Page: 1 of 2

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

ExxonMobil™ PP1352E1
Polypropylene Homopolyme



For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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Effective Date: 04/01/2018 ExxonMobil Page: 2 of 2