

Polypropylene product finder

Americas

Grades	Melt Flow Rate (MFR) g/10min (230°C/2.16kg)*	Flexural Modulus - 1% Secant (psi) ASTM D790A	Notched Izod Impact (ft lb/in) at 23°C ASTM D256A	Deflection Temperature Under Load (DTUL) °C (°F) at 66 psi unannealed**	Automotive	Appliance	Nonwoven	Rigid Packaging	Flexible Packaging	Consumer	Medical
Exceed™	Typical values				Applications						
PP7722KN	1.8	193000	No Break	—				•		•	
PP9122	2.1	141000	1.3	81.6 (179)	•			•			
PP9122MED	2.1	141000	1.3	81.6 (179)							•
PP9513	7.3	130000	0.96	72.1 (162)					•		
PP9574E6	12	144000	1.6	76.2 (169)				•			
PP6014MED	14	—	0.44	—							•
PP8244E1	16	136000	No break	87.0 (189)	•						
PP3854	24	—	—	—			•				
PP9074MED	24	165000	1.2	—						•	•
PP8255E1	30	173000	3.6	95.9 (205)	•	•				•	
AP03B	30	200000	1.6	106 (223)	•						
PP1605	32	196000	0.49	93.3 (200)			•			•	
PP1605MED	32	196000	0.49	93.3 (200)							•
PP7815E1	35	266000	1.3	—	•						
PP3155E5	36	201000	0.64	90.0 (194)			•			•	
PP6035G1	500	—	—	—			•				
Exceed™ Tough	Typical values				Applications						
PP3684	14	—	—	—			•				
PP8285E1	30	144000	No break	92.0 (198)	•						
Exceed™ Flow	Typical values				Applications						
PP6282NE2	1.8	312000	0.88	120 (248)				•			
PP7905E1	100	272000	0.66	125 (256)	•						
PP7965E1	115	270000	0.65	123 (253)	•						
PP7975E1	130	210000	0.40	—	•						
PP7925E1	135	258000	0.54	124 (255)	•					•	
PP6945G1	925	—	—	—			•				
PP6936G2	1550	—	—	—			•			•	
ExxonMobil™	Typical values				Applications						
PP5341E1	0.83	206000	0.95	90.5 (195)		•				•	
PP4052E1	2.0	248000	0.80	97.0 (207)					•		
PP5262	2.0	242000	0.81	113 (235)				•			
PP1572	2.1	271000	1.2	112 (233)				•		•	
PP4612E2	2.8	248000	0.86	106 (223)					•		
PP4712E1	2.8	211000	0.66	92.4 (198)				•			

* Data generated based on various test methods, eg ExxonMobil Method, ASTM D1238, ISO1133

** Data generated based on various test methods, eg ExxonMobil Method, ASTM D648

Grades	Melt Flow Rate (MFR) g/10min (230°C/2.16kg)*	Flexural Modulus - 1% Secant (psi) ASTM D790A	Notched Izod Impact (ft lb/in) at 23°C ASTM D256A	Deflection Temperature Under Load (DTUL) °C (°F) at 66 psi unannealed**	Automotive	Appliance	Nonwoven	Rigid Packaging	Flexible Packaging	Consumer	Medical
					ExxonMobil™ Typical values					Applications	
PP4912E1	2.8	240000	0.68	99.4 (211)					●		
PP6272NE1	2.8	246000	1.2	110 (230)				●			
PP2252E1	3.5	—	—	—						●	
PP7032E2	4.0	164000	—	82.1 (180)	●			●			
PP7032KN	4.0	201000	No Break	106 (223)		●		●		●	
PP2252E4	4.2	—	—	—						●	
PP1352E1	5.5	224000	0.66	93.6 (200)		●				●	
PP7033E2	8.0	153000	3.1	80.0 (176)	●					●	
PP7033N	8.0	197000	4.0	100 (212)	●	●		●		●	
PP7143KNE1	10	164000	No break	94.9 (203)				●		●	
PP1024E4	13	198000	0.51	90.6 (195)	●			●		●	
PP7654KNE2	17	179000	4.4	96.6 (206)	●					●	
PP7684KNE1	19	185000	3.0	105 (221)				●		●	
PP7694E2	19	189000	3.2	100 (212)		●				●	
PP1074KNE1	20	262000	0.59	120 (248)				●		●	
PP1264E1	20	187000	0.50	94.1 (201)		●				●	
PP7414	20	169000	3.1	82.1 (180)	●	●				●	
PP7855E1	30	160000	3.2	94.7 (202)	●	●				●	
AXO3BE3	35	203000	1.4	108 (226)	●	●				●	
PP1105E1	35	205000	0.49	94.5 (202)	●			●		●	
PP7035E4	35	153000	2.1	84.9 (185)				●		●	
PP7035E5	35	152000	2.7	88.7 (192)				●		●	
PP7045E1	35	203000	1.4	108 (226)	●	●				●	
PP7505KNE3	50	163000	1.9	96.5 (206)	●			●		●	

* Data generated based on various test methods, eg ExxonMobil Method, ASTM D1238, ISO1133

** Data generated based on various test methods, eg ExxonMobil Method, ASTM D648

What's new: ExxonMobil Signature Polymers

All our polymers are now positioned under a single portfolio brand: Signature Polymers. The aim is to simplify our product architecture and naming to improve portfolio navigation for you. We would like to stress that our commitment to high quality products remains the same, it is the names that change. Everything else remains the same. We will be making these modifications over the next six months so you will see both old and new grade names highlighted during that time. Here's a quick overview of brands and grade names that have changed in this document:

Legacy Commercial Name	New Commercial Name
Achieve™ Advanced PP6282NE2	Exceed™ Flow PP6282NE2
Achieve Advanced PP3684	Exceed™ Tough PP3684
Achieve Advanced PP3854	Exceed™ PP3854
Achieve Advanced PP8285E1	Exceed Tough PP8285E1
Achieve Advanced PP1605	Exceed PP1605
Achieve Advanced PP7925E1	Exceed Flow PP7925E1
Achieve Advanced PP6035G1	Exceed PP6035G1
Achieve Advanced PP6945G1	Exceed Flow PP6945G1
Achieve Advanced PP6936G2	Exceed Flow PP6936G2
ExxonMobil™ PP7722KN	Exceed PP7722KN
ExxonMobil PP9122	Exceed PP9122
ExxonMobil PP9122MED	Exceed PP9122MED
ExxonMobil PP9513	Exceed PP9513
ExxonMobil PP9574E6	Exceed PP9574E6
ExxonMobil PP6014MED	Exceed PP6014MED
ExxonMobil PP8244E1	Exceed PP8244E1
ExxonMobil PP9074MED	Exceed PP9074MED
ExxonMobil PP8255E1	Exceed PP8255E1
ExxonMobil AP03B	Exceed AP03B
ExxonMobil PP1605MED	Exceed PP1605MED
ExxonMobil PP7815E1	Exceed PP7815E1
ExxonMobil PP3155E5	Exceed PP3155E5
ExxonMobil PP7905E1	Exceed Flow PP7905E1
ExxonMobil PP7965E1	Exceed Flow PP7965E1
ExxonMobil PP7975E1	Exceed Flow PP7975E1

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