

Automotive polypropylene product finder

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	MFR	Flexural modulus 1% secant			Notched Izod impact			Heat deflection temperature				
Grades	(230°C, 2.16 kg) (g/10min) ASTM D1238	(kpsi) at 0.051 in/min ASTM D790A	(MPa) at 1.3 mm/min ASTM D790A	(MPa) at 2.0 mm/min ISO 178	(ft-lb/in) at 73°F ASTM D256A	(J/m) at 23°C ASTM D256A	(kJ/m²) at 23°C ISO 180/1A	(°F) at 66 psi Unannealed ASTM D648	(°C) at 66 psi Unannealed ASTM D648	(°C) at 0.45 MPa ISO 75-2/Bf	North America	Asia Pacific
Achieve™ Advanced PP	Typical values										Availability	
Achieve Advanced PP8285E1	30	144	993	1020	No break	No break	46	198	92.0	82.8	●	●
ExxonMobil™ PP	Typical values										Availability	
ExxonMobil PP5341E1	0.83	172	1190	--	0.98	52	--	183	83.7	--	●	
ExxonMobil PP7032E2	4.0	164	1130	1140	--	--	45	180	82.1	77.4	●	
ExxonMobil PP7032E3	4.0	176	1210	1140	No break	No break	53	195	90.6	82.0		●
ExxonMobil PP7033E2	8.0	153	1060	1100	3.1	160	--	176	80.0	75.7	●	
ExxonMobil PP7033E3	8.0	165	1140	1190	5.2	280	13	194	90.2	85.3		●
ExxonMobil PP7033N	8.0	197	1360	1260	4.0	210	13	212	100	91.5	●	●
ExxonMobil AP3AW	10	204	1410	1300	2.2	120	14	210	99.0	91.7		●
ExxonMobil AP3N	10	229	1580	1570	2.1	110	9.4	232	111	101		●
ExxonMobil PP1024E4	13	198	1370	--	0.51	27	--	195	90.6	--	●	
ExxonMobil PP8244E1	16	136	938	--	No Break	No Break	--	189	87.0	--	●	
ExxonMobil PP7654KNE2	17	179	1230	--	4.4	230	--	206	96.6	--	●	
ExxonMobil PP7414	20	150	1030	--	3.3	180	--	185	85.1	--	●	
ExxonMobil PP7855E1	30	160	1100	--	3.2	170	--	202	94.7	--	●	
ExxonMobil PP8255E1	30	173	1190	--	3.6	190	--	205	95.9	--	●	

Asia Pacific North America

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ExxonMobil™ PP	Typical values										Availability	
ExxonMobil AP03B	30	200	1380	1380	1.6	85	10	223	106	95.0		●
ExxonMobil PP1105E1	35	205	1410	--	0.49	26	--	202	94.5	--	●	
ExxonMobil PP7815E1	35	266	1830	--	1.3	67	--	--	--	--	●	
ExxonMobil AXO3BE3	35	203	1400	1360	1.4	75	9.3	226	108	98.0	●	
ExxonMobil PP7505KNE3	50	152	1050	--	2.2	120	--	205	96.2	--	●	
ExxonMobil PP7555KNE2	50	194	1340	1270	1.8	94	7.4	221	105	93.0		●
ExxonMobil PP7935E1	60	239	1650	1660	0.83	44	5.6	250	121	108		●
ExxonMobil PP7905E1	100	272	1880	1820	0.66	35	4.7	256	125	117	●	

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