

Typical Properties of EPOLENE® Polymers

Product	Polymer Type	Drop Point °C (D-3954)	Penetration Hardness dmm (D-1321)	Density @ 25°C g/cm ³ (D-4883)	Acid No. (D1386)	Brookfield Thermoset Viscosity, cP (D-3226)			Melt Index 190°C	
						125°C (257°F)	140°C (284°F)	150°C (302°F)		
ASTM Method (D-3954) (D-1321) (D-4883) (D1386)										
C-10	PE	103	3	0.906		18,600	16,650	8,200	3,550	2,250
C-12	PE	118	2	0.907		212,000	125,000	91,700	31,400	400
C-13	PE	137	3	0.913		-	-	-	-	190
C-15	PE	101	4	0.906		8,950	6,100	4,200	1,800	4,200
C-17	PE	>133	2	0.917		- ^a	-	-	-	19
C-23	PE	108	3	0.909		-	785,000	540,000	180,000	80
C-24	PE			0.912						58
C-16	Ma-PE	103	3	0.908	2	16,650	10,000	8,100	2,850	1,700
C-18	Ma-PE	101	4	0.905	2	7,750	5,000	4,100	1,550	4,200
C-19	Ma-PE	101	4	0.903	5	10,360	6,335	4,740	1,750	-
C-26	Ma-PE	133	<1	0.917	8	-	-	-	-	8
C-29	Ma-PE	105	3	0.915	4	760	-	-	-	-
N-10	PE	110	2	0.925		1,500	1,100	-	-	-
N-11	PE	111	2	0.921		350	250	-	-	-
N-14	PE	108	3	0.920		150	100	-	-	-
N-15	PP	164	<1	0.902		- ^a	- ^a	- ^a	700	-
N-21	PE	121	<1	0.950		600	400	350	-	-
N-30	PE	110	2	0.924		1,050	700	-	-	-
N-34	PE	104	5	0.910		450	300	-	-	-
N-35	PE	104	3	0.913		700	-	-	-	-
EE-2	Ox-PE	112	<1	0.960	17	1,500	900	-	-	-
E-10	Ox-PE	105	2	0.942	17	800	525	-	-	-
E-14	Ox-PE	104	4	0.939	17	375	260	-	-	-
E-14E	Ox-PE	104	4	0.939	17	225	160	-	-	-
E-16	Ox-PE	105	4	0.943	17	700	500	-	-	-
E-20	Ox-PE	112	<1	0.960	17	1,500	900	-	-	-
E-43	Ma-PP	160	<1	0.934	45	- ^a	- ^a	- ^a	300	-

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^a Solid at this temperature

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