

PRE-ELEC		ELECTRICALLY CONDUCTIVE COMPOUNDS										PREMIX LET'S MAKE A GOOD MIX							
Density g/cm ³	MFI	5.0kg	10kg	21.6kg	E-mod. MPa	Izod unnotched J/m	Izod notched J/m	Volume resistivity Ohm cm	Surface resistivity Ohm	Elongation at break %	Tensile strength MPa	Yield strength MPa	Vicat	HDT	Shrinkage %	Hardness A/D	I	E	
	2.16kg	5.0kg	10kg	21.6kg	MPa	23C	-20C	Ohm cm	Ohm	%	MPa	MPa			%	A/D			
HDPE-GRADES																			
PE 1290	0.98	-	0.6	3.5	1100	NB	NB	150	110	<10 ⁵	>650	16	35	22	123	76	1.5-2.5	97/67	0
PE 1291	1.04	-	0.8	6	1200	NB	NB	230	150	<10 ⁴	>650	14	26	25	126	76	1.5-2.5	97/-	0
PE 1292	1.03	-	1.5	6	35	1100	NB	85	50	<10 ⁴	70	12	17	31	128	84	1.5-2.5	-	0
PE 1293	1.04	-	3	19	1700	NB	NB	85	50	<10 ³	40	8	15	32	128	83	1.5-2.5	-	0
PE 1294	1.01	2	20	70	810	NB	NB	-	-	<10 ⁴	180	15	12	22	125	60	1.5-2.5	-/66	0
PE 1312	1.03	-	0.4	1.7	1200	NB	NB	120	90	<10 ⁴	600	13	33	24	129	83	1.4-1.6	98/67	0
PP-GRADES																			
PP 1362	1.09	0.1	1.2	10	1200	NB	NB	310	-	<10 ²	60	60	22	24	140	67	1.0-1.2	93/55	0
PP 1370	0.98	2	12	-	1200	NB	NB	405	65	<10 ⁴	27	11	18	26	150	90	1.2-1.4	96/71	0
PP 1371	0.98	0.4	2	-	1100	NB	NB	500	45	<10 ⁴	500	17	25	23	150	90	-	99/72	0
PP 1372	0.98	0.6	4	-	1200	NB	NB	450	-	<10 ⁴	66	11	18	26	150	90	1.2-1.4	96/71	0
PP 1373	1.09	0.3	4	-	2100	770	-	140	-	<10 ³	67	5	20	26	153	116	0.8-1.2	-/73	0
PP 1375	0.98	12	60	-	1300	NB	710	94	37	<10 ³	14	-	28	-	150	70	1.2-1.4	95/65	0
PP 1378	1.17	0.2	2	-	3200	140	-	60	-	<10 ³	4	-	52	-	159	155	0.3-0.5	-/83	0
PP 1380	1.06	-	0.6	-	1900	600	100	35	13	<5	5	-	26	-	150	93	1.0-1.2	97/72	0
PP 1382	1.00	2	12	-	1200	NB	510	190	30	<10 ³	26	10	18	26	150	90	1.2-1.4	96/71	0
PP 1383	0.99	9	50	-	1300	NB	-	84	-	<10 ²	14	-	28	-	150	70	1.2-1.4	95/65	0
PP 1384	1.06	1	16	-	2500	195	-	16	-	<10 ²	4	-	30	-	154	120	-	98/73	0
PP 1385	0.98	0.3	3	-	1200	NB	NB	460	390	<10 ³	75	12	17	26	147	88	1.2-1.4	96/70	0
PP 1386	0.98	0.6	4	-	1400	NB	-	435	-	<10 ⁴	500	17	25	23	151	94	-	-/74	0
PP 1387	0.98	4	35	-	1400	615	-	55	-	<10 ⁴	14	-	28	-	150	90	1.2-1.4	96/71	0
PP 1388	1.24	4	26	-	4700	180	-	30	-	<10 ⁴	4	-	34	-	158	143	0.8-1.2	-	0
PP 1389	1.03	1.3	8	-	1200	NB	230	390	20	<10 ⁴	26	12	17	25	144	76	1.2-1.4	-/71	0
PP 1390	0.98	3	17	-	1300	NB	-	370	-	<10 ⁴	30	9	16	26	154	90	1.2-1.6	-	0
LD/LLDPE-GRADES																			
PE 1270	1.01	0.5	2.5	-	220	NB	NB	NB	NB	<10 ⁶	520	-	11	-	88	-	1.4-1.6	-	0
PE 1271	1.02	-	1.7	-	35	-	-	-	-	<10 ⁵	590	-	24	21	-	-	-	-	0
PE 1313	1.01	1	4	-	400	NB	125	NB	50	<10 ³	600	50	11	16	100	51	1.4-1.6	-/57	0

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PRE-ELEC	Density g/cm ³	MFI 2.16kg	5.0kg	10kg	21.6kg	E-mod. MPa	Izod unnotched		Izod notched		Volume resistivity Ohm cm	Surface resistivity Ohm		Elongation at break		Tensile strength MPa	Yield strength MPa	Vicat	HDT	Shrinkage %	Hardness A/D	I	E
							23C	-20C	23C	-20C		%	%	MPa	MPa								
COPOLYMER-GRADES																							
CP 1315	1.01	-	5	-	25	200	NB	NB	-	NB	<10 ⁵	<10 ⁵	150	-	13	73	46	1.4-1.8	97/45	0	0	0	0
CP 1316	1.12	0.04	0.2	-	110	NB	14	NB	7	NB	<10 ³	<10 ³	500	-	11	50	35	1.2	93/43	0	0	0	0
CP 1317	1.02	-	0.7	-	-	-	-	-	-	-	<10 ⁵	<10 ⁵	500	50	19	14	-	-	-	-	-	-	0
CP 1318	1.10	-	1	-	26	-	NB	NB	-	NB	<10 ⁴	<10 ⁵	500	-	19	67	-	-	94/46	0	0	0	0
CP 1319	1.02	-	1.0	-	-	-	-	-	-	-	<10 ⁵	<10 ⁵	600	70	19	14	-	-	-	-	-	-	0
PS-GRADES																							
PS 1324	1.08	-	0.2	-	18	1800	800	400	130	90	<10 ⁴	<10 ⁵	80	4	22	20	97	84	-	-	99/73	0	0
PS 1326	1.08	-	1.2	-	45	1800	NB	565	85	42	<10 ³	<10 ⁴	80	6	23	23	97	84	0.4-0.6	99/73	0	0	0
PS 1327	1.10	-	0.3	-	30	2000	NB	650	130	90	<10 ²	<10 ³	36	3	15	18	90	83	0.4-0.6	97/75	0	0	0
PS 1328	1.10	-	2.5	-	70	2200	500	250	60	30	<10 ⁴	<10 ⁵	19	8	22	28	96	83	0.4-0.6	-7/9	0	0	0
PS 1329	1.08	-	0.5	-	25	2000	600	300	70	20	<10 ⁴	<10 ⁶	55	4	30	31	100	85	0.4-0.6	98/78	0	0	0
PS 1331	1.08	-	1.8	-	60	1500	NB	-	225	-	<10 ⁴	<10 ⁶	66	5	31	33	97	80	0.4-0.6	-7/5	0	0	0
PS 1332	1.08	-	0.5	-	28	1800	-	-	-	-	<10 ⁵	<10 ⁵	80	4	22	20	97	86	0.4-0.6	99/73	0	0	0
PS 1333	1.08	-	0.4	-	20	1500	NB	NB	-	-	<10 ⁵	<10 ⁶	90	4	26	25	97	80	0.4-0.6	-7/5	0	0	0
ABS-GRADES																							
ABS 1410	1.10	-	-	15	-	2000	550	-	90	-	<10 ⁵	<10 ⁶	8	4	29	36	104	88	0.5-0.8	-7/6	0	0	0
PC-GRADES (1.2 kg / 2.16 kg / 300 C)																							
PC 1431	1.24	1	4	-	-	2500	880	880	175	80	<10 ⁵	<10 ⁷	20	6	47	50	147	134	<0.6	-8/5	0	0	0
PC/ABS-GRADES																							
PC/ABS 1420	1.14	-	0.5	-	18	2700	270	50	230	30	<10 ³	<10 ⁵	20	5	35	37	138	111	0.7-0.9	-7/5	0	0	0
PETG-GRADES																							
PET 1451	1.33	-	4	-	28	2600	NB	30	800	15	<10 ⁵	<10 ⁵	44	4	31	32	84	70	-	-8/5	0	0	0
PA-GRADES																							
PA 1406	1.10	-	-	-	-	5000	530	125	500	50	<10 ⁵	<10 ⁷	10	-	92	-	217	208	0.4	-8/2	0	0	0
PA 1407	1.10	-	-	-	-	2400	300	300	30	20	<10 ⁷	<10 ⁸	5	-	59	-	215	173	1.0-1.6	-8/2	0	0	0
TP 4887	1.10	-	-	-	-	2600	NB	8	-	-	<10 ⁵	<10 ⁷	25	-	45	-	214	178	1.8-2.3	-8/2	0	0	0
PBT-GRADES																							
PBT 1455	1.32	-	-	14	60	2000	NB	500	75	35	<10 ⁵	<10 ⁴	14	7	37	39	219	141	2.2	-8/4	0	0	0
TPE-GRADES																							
TP 8468	1.08	-	0.3	4	-	-	-	-	-	-	<10 ²	-	900	-3.2	-	114	-	-	-	60/-	0	0	0