

InnoPlus

InnoPlus HDPE is made from low pressure polymerization using the slurry process of Mitsui Technology. It's structure with wide range of mel flow rate and density that gives InnoPlus HDPE excellent processability together with high mechanical strength, which is suitable for different applications.

HDPE

	MFR 190 deg C, 2,15 kg	Density	Melting Temperature	Tensile Strength at Yield	Tensile Strength at Break	Elongation at Break	Stiffness	Flexural Modulus	Notched Izod Impact Strength	Durometer Hardness	Vicat Softening Point
	1	2	3	4	5	6	7	8	9	10	11
test Method (ASTM)	D1238	D1505	D3418	D638	D638	D638	D747	D790	D256	D2240	D1525
Unit	g/10 min.	g/cm ³	deg C	kg/cm ²	kg/cm ²	%	kg/cm ²	kg/cm ²	kg.cm/cm	shore D	deg C
HD2208J	3,7	0,961	131	310	220	>1000	11000	12000	5 (C)	65	125
HD 1600JP	12	0,958	129	290	200	230	9100	13500	3 (C)	64	118
HD2200JP	3,5	0,961	131	310	210	>1000	11000	14500	5 (C)	66	126
HD3502C	1	0,956	130	240	270	910	8100	9200	6 (NR)	62	120
HD3000C HD3001C	2	0,954	130	260	320	800	7900	11300	5 (P)	62	122
HD6000C HD6001C	0,4	0,957	132	320	390	1000	11000	14000	17 (P)	66	125
HD4200B	0,67	0,966	132	310	230	>1000	12000	18000	13 (P)	65	125
HD6200B	0,45	0,962	131	330	350	1000	10000	15000	12 (P)	65	125
HD6800B	0,17	0,966	132	300	290	1000	12000	18000	43 (P)	66	127
HD8200B	4	0,955	131	300	370	850	9000	12000	64 (NB)	64	128
HD6000F	-	0,956	131	260	370	950	8200	11000	27 (NB)	64	125
HD8000F	-	0,950	128	300	320	790	7900	12500	52 (NB)	62	123
HD3353F	-	0,951	131	240	370	>1000	7500	11000	14	62	122
HD6376EB	0,3	0,962	129	230	330	750	8000	10000	40 (NB)	63	122