

Typical Property Chart - HDPE

Grade	MFI (I ₂) (g/10min)	Density (@ 23 °C) (g/cc)	Tensile @ Yield (Kg/cm ²)	Elongation @ Yield (%)	Flexural Modulus (Kg/cm ²)	Izod Impact (J/m)	ESCR (F50) Hrs (10% Igepal)	VSP (°C)
	ASTM D1238	ASTM D1505	ASTM D638	ASTM D638	ASTM D790	ASTM D256A	ASTM D1693	ASTM D1525
Raffia & Monofilament								
G-Lene W50A009	0.9	0.952	230	13	8500	-	-	122
G-Lene W50U009	0.9	0.952	230	13	8500	-	-	123
G-Lene T50A010	1.0	0.950	230	12	8500	-	-	123
G-Lene W50A010U	1.0	0.950	230	12	8500	-	-	122
G-Lex W52A009	0.9	0.952	240	11	9500	-	-	123
G-Lex W52A009N								
G-Lex W52ASR009	0.45	0.964	260	09	11000	-	-	124
G-Lex W52ASR009N								
G-Lex W55A004	0.45	0.955	250	10	10000	-	-	123
G-Lex W55A004N								
Injection Moulding								
G-Lene I60A080	8.0	0.960	255	10	9500	70	<24	124
G-Lene I62A080U	8.2	0.963	310	6	12000	-	-	130
G-Lene I60U080	8.0	0.960	255	10	9500	70	<24	124
G-Lene I62U080U	8.2	0.963	310	6	12000	-	-	130
G-Lene I50A180	20	0.952	230	12	8500	30	<10	122
G-Lene I56A200U	20	0.956	230	10	-	-	-	-
G-Lene I50A250	25	0.950	230	12	8500	30	<10	122
Blow Moulding								
G-Lex B52A003	0.35	0.954	240	10	10000	120	> 500	123
G-Lex B52A003N								
G-Lene B53A003U	0.38	0.953	270	7	10000	-	-	129
G-Lex B53EA0035	0.35	0.953	240	10	10000	120	> 600	123
G-Lex B53EA0035N								
G-Lex B63A003	0.35	0.963	280	09	12000	350	>48	125
G-Lex B63A003N								
G-Lex B55HM0003	0.08, I ₂₁ =11.0	0.954	250	11	10000	-	>750	124
G-Lex B55HM0003N								
Pipe								
G-Lex E52A003	0.22, I ₅ =0.95	0.954	240	10	10000	120	> 500	123
G-Lex E52A003N								
G-Lene P46A010U	0.21, I ₂₁ =21.0	0.946	230	-	8700	-	-	-
G-Lex E52U003	0.22, I ₅ =0.95	0.954	240	10	10000	120	> 500	123
G-Lex E52U003N								
G-Lex P54A001	0.09, I ₅ =0.46	0.954	250	11	10000	140	> 500	123
G-Lex P54A001N								
G-Lex P52A003	0.05, I ₅ =0.28	0.952	245	11	10000	280	>1000	122