PLENE (POLYPROPYLENE COMPOUNDS)

			COMPOUNDS BASED ON POLYPROPYLENE HOMOPOLYMERS												COMPOUNDS BASED ON POLYPROPYLENE COPOLYMERS		
		GRADES	HPC 1020	HPC 1030	HPC 1040	HPC 1050	HPT 1020	HPT 1030	HPT 1040	HPG 1010	HPG 1020	HPG 1030	HPG 1040	HPM 1040	CPT 1020	CPT 1030	CPT 1040
PROPERTIES	TEST METHOD	EXTENDER / UNITS	$CaCo_3$	$CaCo_3$	$CaCo_3$	$CaCo_3$	TALC	TALC	TALC	Glass Fibre	Glass Fibre	Glass Fibre	Glass Fibre	Mica	TALC	TALC	TALC
FILLER	KLJ/QEMS/QC D/WIN-2/002	%	20±2	30±2	40±2	50±2	20±2	30±2	40±2	10±2	20±2	30±2	40±2	40±2	20±2	30±2	40±2
SPECIFIC GRAVITY	ASTM D 792	-	1.04	1.12	1.24	1.33	1.04	1.12	1.24	0.98	1.04	1.12	1.24	1.24	1.04	1.12	1.24
MELT FLOW INDEX	ASTM D 1238	GMS/10MTS @ 230°C 2.16kg load	8-12	8-12	8-12	8-12	8-12	8-12	8-12	5-10	5-10	5-10	5-10	8-10	8-12	8-12	8-12
TENSILE STRENGTH AT BREAK	ASTM D 638	Mpa	28-30	30-31	31-33	26-28	28-30	30-31	32-34	45-50	51-56	58-65	68-72	24-26	23-25	24-26	25-27
ELONGATION AT BREAK	ASTM D 638	%	50	50	50	40	30	25	20	5	5	3	2	20	20	15	12
FLEXURAL MODULUS	ASTM D 790	Mpa	2400	2700	3000	3200	2500	2800	3300	2500	3800	4800	6200	4500	2000	2300	2700
HDT at 0.45 Mpa	ASTM D 648	°C	107	112	115	125	110	115	118	140	150	160	165	135	105	110	112

Note : **As per requirement all grades are available in different colours.**

Compounds have Good Dimensional Stability, Balance between stiffness and flexibility, Excellent Mechanical Properties.
Compounds are used in Automotive Sector, Appliances, Medical, Engineering, Building, Sports and Other Sectors.

The above properties are indicative and represent the values as tested in our laboratories. There is no guarantee / warranty what-so-ever.
The suitability of the product for particular application may be verified before use.