

Polypropylene compounds, general purpose grades



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Grade name	Filler Content (w-%)	Recycled Content	UL Listed	Automotive Low Emission	MFR (230 °C/ 2,16 kg)	Specific Gravity (g/cm³)	Tensile Modulus (MPa)	Tensile Stress (MPa)	Notched Charpy (kJ/ m²)	Unnotched Charpy (kJ/m²)	HDT (°C) 1.80 MPa	Product description & special attributes	Typical applications
Unfilled													
Hostacom ERS 5011L	0		✓		18	0,9	1300	25	8			Unfilled polypropylene (PP) copolymer, high melt flow rate for excellent processability. Available in a wide range of colors.	Small appliance, household, kitchenware
Hostacom PPR 1042 12	0				4	0,9	1250	26	14	NB	50	Unfilled PP copolymer, medium melt flow rate and good impact resistance. Black color.	Automotive interior applications, visible surfaces
Hostacom PPN 1060 12	0				7 (5kg)	0,9	1450	30	4,5	45	55	Unfilled PP homopolymer, with low melt flow rate and high stiffness. Black color.	General purpose application in automotive, industrial applications
Chalk filled													
Hostacom HKP 2262L	40		✓		9	1.24	2900	24	2,5	70	61	40% chalk filled PP homopolymer with medium melt flow rate.	Appliances and white goods applications
Talc filled													
Hostacom M1 U34	10			✓	10	0,97	2300	35	4	75	60	10% talc filled PP homopolymer, high stiffness and dimensional stability. Black color.	Various automotive applications, interior and under the hood, HVAC applications
Hostacom M2 N42	20		✓		9 (5kg)	1,06	3150	36	7,5	79	69	20% talc filled PP homopolymer. Good stiffness-impact balance. Available in different colors. Stabilized for parts with media contact.	White goods applications, visible parts with media contact
Hostacom MT20 U FC H2	20				7	1,06	2600	33	4	46	62	20% talc filled PP homopolymer with a medium melt flow rate. Excellent scratch resistance. Food-contact compliant (EU and FDA approved). Available in different colors.	Small appliances, kitchenware
Hostacom M2 N01	20		✓		9 (5kg)	1,06	2700	32	5	55	70	20% talc filled PP homopolymer, with good stiffness and impact properties. Black color. Highly heat stabilized	General purpose grade in various automotive applications and industrial applications
Hostacom M2 U02	20				11	1,04	2600	32	2,5	50	70	20% talc filled PP homopolymer, high stiffness and dimensional stability. Available in different colors.	Various industrial and automotive applications: under the hood, interior, HVAC applications, housings, structural components
Hostacom HKC 182L	30		✓		10,5	1,15	3300	33	2,5	28	70	30% talc filled PP homopolymer with a medium melt flow rate. Stabilized for parts with media contact. Available in different colors.	White goods applications, visible parts with media contact
CirculenRecover PPC EKC 2545L	30	60% PrC*			7	1,14	2500	26	3,5	20	55	30% mineral filled recycled based PP with low melt flow rate. Available in bright and white colors.	White goods applications
Hostacom HBC 181L	40		✓		11 (5kg)	1,21	3600	33	2,9	28	75	40% talc filled PP homopolymer with excellent stiffness and dimensional stability. Stabilized for parts with media contact. Available in different colors.	White goods applications, visible parts with media contact
Hostacom M4 N01	40		✓		11 (5kg)	1,21	4000	32	3,5	30	75	40% talc filled PP homopolymer with high stiffness. Available in different colors.	Various industrial and automotive applications: under the hood, lighting housings, structural components
Hostacom M4 U05	40			✓	10	1,21	4300	32	2,5	25	80	40% talc filled PP homopolymer, with high melt flow rate, high stiffness, low fogging and low odor. Black color.	Various industrial and automotive applications: under the hood, interior, HVAC applications, housings, structural components

*PrC: Pre-Consumer Waste

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Glass fibre reinforced and heat stabilized													
Hostacom G2 U02	20				14	1.05	4800	75	8	40	138	20% glass fiber reinforced PP homopolymer, with high melt flow rate, high stiffness. Black color.	Various industrial and automotive applications: under the hood, structural components
Hostacom HYG 400-2	20				60	1.05	4800	80	7	40	135	20% glass fiber reinforced PP homopolymer, with very high melt flow rate, low emissions and high stiffness. Black color.	Various industrial and automotive applications: under the hood, interior, HVAC applications, housings, structural components
Hostacom HKG 424-3L	30		✓		7	1.15	7500	105	9.5	50	145	30% glass fiber reinforced PP homopolymer, medium melt flow rate. UL listed in all colors, high RTI value of 115 °C.	Appliances and white goods applications
Hostacom G3 R05	30				4	1.14	7100	98	11	50	145	30% glass fiber reinforced PP homopolymer, with excellent stiffness and good dimensional stability. Black color.	Various industrial and automotive applications: under the hood, headlamp housings, HVAC application, structural components
Hostacom G3 U01	30		✓		14	1.14	6300	92	10	45	145	30% glass fiber reinforced PP homopolymer, with high melt flow rate, high stiffness and low creep under load at elevated temperatures.	Various industrial and automotive applications: under the hood, headlamp housings, battery carrier and structural components
Hostacom HRG 328T	30			✓	14	1.12	6800	95	9.5	45	145	30% glass fiber reinforced PP homopolymer, with high melt flow rate, very good stiffness, low CLTE (Coefficient of Linear Thermal Expansion) and low emissions.	Various industrial and automotive applications: under the hood, HVAC application, structural components
CirculenRecover PPC HRG 328T	30	30% PoC*		✓	15	1.12	6400	85	9	45	135	30% glass fiber reinforced recycled based PP, with high melt flow rate, high stiffness and low emissions. Black color.	Automotive structural parts in interior and under the hood applications
Hostacom HKG 2343D	30				8	1.14	7800	115	10	59	150	30% glass fiber reinforced PP homopolymer. Outstanding stiffness properties, excellent mechanical performance. Metal contact stabilization. UL listing in preparation. Can replace engineering polymer compounds. Black color.	Electronic connectors, housings, parts for automotive under the Hood, parts with high dimensional requirements
Hostacom G4 R01	40				2	1.23	9000	108	10	50	147	40% glass fiber reinforced PP homopolymer, with excellent stiffness, good dimensional stability and good LTHS (long term heat stability). Stabilized for metal contact. Black color.	Structural- and carrier-components with specific requirements for high strength.
Hostacom HYG 343L	40		✓		31	1.25	9400	114	8.5	47	145	40% glass fiber reinforced PP homopolymer, very high melt flow rate. Excellent mechanical performance. Stabilized for parts with media contact. Available in different colors.	White goods applications, visible parts with media contact
Hostacom PPH GF 50 EP SF H3	50				11	1.33	12500	120	10	55	154	50% glass fiber reinforced PP homopolymer. High melt flow rate, excellent stiffness and strength. Highly heat stabilized. Black color.	Applications with highest requirements of strength and rigidity, structural components, parts with high mechanical loads
Glass filled - Advanced CoPo - Technology offering high dimensional stability and low creep under elevated temperatures.													
Hostacom EBG 2063T	10				3 (5kg)	0.98	2700	45	7	40	92	10% glass fiber reinforced PP copolymer with low melt flow rate, long term heat ageing stabilized. Stabilized for parts with cooling media contact.	Automotive applications and containers in contact with cooling fluids and water
Hostacom EKG 2130-2L	20		✓		7	1.04	4600	75	9	50	135	20% glass fibre reinforced PP copolymer. long term heat ageing stabilized.	Structural parts with high requirements for load under elevated temperatures
Hostacom EKG 2087T	30				7	1.12	6500	100	11	56	140	30% glass fiber reinforced PP copolymer. Excellent stiffness and good dimensional stability. Stabilized for parts with cooling media contact. Black color.	Automotive applications and structural parts in contact with cooling fluids and water
Hostacom EKG 2090T	40				4	1.21	8500	110	10	50	142	40% glass fiber reinforced PP copolymer. Excellent stiffness and good dimensional stability. Black color.	Automotive structural parts in contact with cooling fluids and water
Hostacom EKG 2130-5L	50		✓		4	1.32	11000	130	12	60	153	50% glass fiber reinforced PP copolymer. Excellent stiffness and strength, good dimensional stability.	Structural parts needing UL listing, mechanically loaded parts
Glass filled - high risk classification													
Hostacom HBG 479R	30				4	1.13	6800	100	12	54	150	30% glass fiber reinforced PP homopolymer, low melt flow rate, very good LTHS (long term heat stability) and high rigidity. Specialized product handling and testing. Black color.	Automotive applications with higher application risk, such as pedals.

*PoC: Post-Consumer Waste

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