



Propiedades	Método	Unidad	PP Homopolímeros				PP Copolímeros						PP con cargas			
			PPH Jazz0502 dark	PPH BL1004	PPH BL3004	PPH BL5003	PPC BL0806	PPC BL1008	PPC BL3006	PPC BL5005	PPC BL10004	PPC SK3005	PPH BL1302 T20	PPH BL1303 G30	PPC BL1010 T20	
Colour	-	-	dark jazz	black	black	black	black	black	black	black	black	black	stone	black	black	black
Fillertype	-	-	-	-	-	-	-	-	-	-	-	-	-	talc	glassfiber chem. bonded	talc
Filler content	Internal	%	< 5	< 2	< 1	< 1	< 4	<6	<6	<5	<6	<3	18-22	28-32	18-22	
MFI at 230° C/2.16 kg	ISO 1133	g/10 min	3-7	8-12	26-34	46-54	6-10	8-12	26-34	46-54	96-104	26-34	12-15	12-15	NA	
MVR at 230° C/2.16 kg	ISO 1133	cm ³ /10 min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.5-20.5	-	10 - 16	
Density	Internal	g/cm ³	0.90-0.92	0.90-0.92	0.90-0.92	0.90-0.92	0.90-0.94	0.90-0.94	0.90-0.94	0.90-0.94	0.90-0.94	0.90-0.92	1.04-1.06	1.13-1.17	1.03-1.07	
Charpy Impact strenght, notched at 23 ° C	DIN 53453	kJ/m ²	>3.5	>4.3	>3.8	>2.8	>5.8	>7.8	>5.8	>4.8	>4.8	>4.8	>2	>2.8	>10	
Charpy Impact strenght, unnotched at 23 ° C	DIN 53453	kJ/m ²	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NB	>7.8	NB	
Falling Weight Impact Strenght at 23 ° C	Internal	kgcm	>20	>30	>20	>20	>50	>90	>50	>40	>30	>35	>20	>5	>100	
Flexural Modulus	ISO 178	MPa	>1250	>1000	>1000	>1000	>1000	>900	>1000	>1000	>1000	>1000	>2000	>3000	>1800	
Hardness Shore D	Internal	-	68-72	65-69	68-72	68-72	65-69	60-64	60-64	62-66	60-64	65-69	65-70	71-75	61 - 65	
Non virgin polymer content	Internal	%	>95	>99	>99	>99	>95	>95	>95	>95	>95	>95	>75	>65	>75	
Process			thermo forming	injection moulding	injection moulding	injection moulding	injection moulding	injection moulding	injection moulding	injection moulding	melt spinning	injection moulding	injection moulding	injection moulding	injection moulding	
Specific features						high fluidity		high impact		high fluidity	extrem high fluid.				high impact	
Application area			horti culture	general purpose	horti culture	non food packaging	automotive crates houseware battery cases	automotive	horti culture	horti culture	polymeric fibers	horti culture (deco)	automotive	automotive	automotive	

1): Typical values, not to be construed as specifications

The data and results mentioned in this document are provided for the sake of general information of our customers and are given to our best knowledge. The values show typical average data, based on an appropriate number of individual measurements made on the product. Therefore they can not be considered as specifications.
 Before using an AKG Compound, customers and other users should make their own independent determination that the product is suitable for the intended use.
 Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical, medical and food sector.

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