

Vision PP: Filled systems			Values <sup>1)</sup>							
Properties	Testmethod	Unit	PPH BL 1303	PPH BL1302	PPH BL1302	PPH BL1303	PPC BL1010	PPC BL1010	PPC BL1010	PPC BL1010
			T10	T20	T40	G30	T20	T20 HS	T30	
Colour	-	-	black	black	black	black	black	black	black	black
Fillertype	-	-	talc	talc	talc	glassfiber chem. bonded	talc	talc	talc	
Fillercontent	internal	%	8-12	18-22	38-42	28-32	18-22	18-22	28-32	
MFI at 230° C/2.16 kg	ISO 1133	g/10 min	12-15	12-15	12-15	12-15	NA	NA	NA	
MVR at 230° C/2.16 kg	ISO 1133	cm <sup>3</sup> /10 min	-	15.5-20.5	-	-	10 - 16	10 - 16	10 - 16	
Density	Internal	g/cm <sup>3</sup>	0.96-1.00	1.04-1.06	1.19-1.23	1.13-1.17	1.03-1.07	1.03-1.07	1.10-1.14	
Charpy Impact strenght, notched at 23 ° C	DIN 53453	kJ/m <sup>2</sup>	>2.5	>2	>1.5	>2.8	>10	> 10	>8	
Charpy Impact strenght, unnotched at 23 ° C	DIN 53453	kJ/m <sup>2</sup>	-	NB	-	>7.8	NB	NB	NB	
Falling Weight Impact Strenght at 23 ° C	Internal	kgcm	>20	>20	>5	>5	>100	>100	>90	
Flexural Modulus	ISO 178	MPa	>1400	>2000	>2500	>3000	>1800	>1800	>2000	
Hardness Shore D	Internal	-	65-70	65-70	68-72	71-75	61 - 65	61 - 65	62 - 66	
Non virgin polymer content	Internal	%	>85	>75	>55	>65	>75	>75	>65	
Process			injection moulding	injection moulding	injection moulding	injection moulding	injection moulding	injection moulding	injection moulding	
Specific features					high stiffness		high impact	high impact LTHS	high impact	
Application area			automotive	automotive	automotive	automotive	automotive	automotive	automotive	automotive

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

#### AKG Polymers BV, Netherlands

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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