

## Amcel (Acetal Copolymer)

<b>Property</b>	<b>Unit</b>	<b>Test Method</b>	<b>Amcel KP 20</b>	<b>Amcel KP 25</b>	<b>Amcel KP 30</b>
Density	g/cm <sup>3</sup>	ISO 1183	1,41	1,41	1,41
Melt flow index MFI 190/2,16	g/10min	ISO 1133	9	13	27
Yield stress	MPa	ISO 527	64	65	65
Elongation at break	%	ISO 527	30	25	17
Tensile modulus	MPa	ISO 527	2850	2900	2900
Ball indentation hardness, 30 sec value	N/mm <sup>2</sup>	ISO 2039	144	144	147
Flexural modulus	MPa	ISO 178	2700	2800	2800
Notched impact strength (Charpy) at 23°C	kJ/m <sup>2</sup>	ISO 179	6.5	6.5	6
Heat deflection temperature HDT (1.8 MPa)	°C	ISO 75	104	106	106

Status: November 2005

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