

Amcel (Acetal Copolymer)

Property	Unit	Test Method	Amcel KP 20	Amcel KP 25	Amcel KP 30
Density	g/cm ³	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 ²	ISO 2039	144	144	147
Flexural modulus	MPa	ISO 178	2700	2800	2800
Notched impact strength (Charpy) at 23°C	kJ/m ²	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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