

## Technical Data Sheet

### POM OMIFORM® NC M0

**Product description:** polyoxymethylene

**Application area:** automotive, household goods, building, furnishes industries, electrical and electronical.

Properties	Value	Unit	Condition	Standard	
<b>Rheological</b>					
MFR	10	g/10 min	190 °C; 2,16 kg	EN ISO 1133	
MVR	8	cm <sup>3</sup> /10 min	190 °C; 2,16 kg	EN ISO 1133	
<b>Mechanical</b>					
	dry	cond.			
Tensile stress at yield	60	-	MPa	50 mm/min	EN ISO 527
Elongation at break	66	-	%	50 mm/min	EN ISO 527
Tensile stress at break	53	-	MPa	50 mm/min	EN ISO 527
Flexural strength	-	-	MPa	mm/min	EN ISO 178
Tensile modulus	2750	-	MPa	1 mm/min	EN ISO 527
Charpy notched	8	-	kJ/m <sup>2</sup>	4 J; V-2 mm	EN ISO 179
Charpy unnotched	215	-	kJ/m <sup>2</sup>	25 J	EN ISO 179
Izod notched	-	-	kJ/m <sup>2</sup>	J; V-2,5 mm	EN ISO 180
Izod unnotched	-	-	kJ/m <sup>2</sup>	J	EN ISO 179
<b>Physical</b>					
Density	1,41		g/cm <sup>3</sup>	23 °C	EN ISO 1183-1
Ash content	-		%	650 °C	EN ISO 3451
<b>Thermal</b>					
Flame rating	-		Class	127x12,7x3,2 mm	UL 94

Processing parameters		
Parameter	Condition	Unit
Drying temperature	100-120	°C
Drying time	3	h
Suggested max moisture drying	0,1	%
Processing (melt) temp	180-210	°C
Mold temperature	40-80	°C

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These studies are drawn from a random sample. An overall picture of the properties of the material. Individual parts of the material may slightly differ from the values in the table. Slight deviations from these results do not give rise to any claim.