

# PVC Rod - Technical Data Sheet



Moulding compound extruded	PVC-U,EDP,078-05-T33
Extruded to moulding compound standard	DIN EN ISO 1163, Teil 1
Density, g/cm <sup>3</sup> , ISO 1183	1.44
Yield stress, MPa, DIN EN ISO 527	58
Elongation at yield, %, DIN EN ISO 527	4
Tensile modulus of elasticity, MPa, DIN EN ISO	3300
Mean coefficient of linear thermal expansion, K <sup>-1</sup> , DIN 53752	0,8 × 10 <sup>-4</sup>
Vicat B	74
Fire behaviour DIN 4102	B1 low flammability, ABP to 4 mm
Fire behaviour UL 94 V0	V0 up from 1 mm
Fire behaviour NF P 92-501	M1 from 1 to 3 mm
Fire behaviour BS 476	
Dielectric strength, kV/mm, DIN IEC 60243-1	39
Surface resistivity, Ohm, DIN IEC 60093	1013
Temperature range, °C	0 to +60
Physiological safety in accordance with BfR	no
Physiological safety in accordance with EU	no
Physiological safety in accordance with FDA	no

All specifications are deemed to be approximate values and may vary depending on the processing methods used and the specimen or test piece. In general, data specified applies to average values measured on extruded sheets with A thickness of 4mm. Deviations from the values specified are possible if the sheets in this thickness are not available. Information presented herein cannot necessarily be applied to finished items or products. Suitability of materials for a specific field of application must be assessed by the party responsible for processing or the end-user. All technical specifications presented herein are designed merely to provide assistance in terms of project planning. Under no circumstances do they constitute a guaranteed property or quality of the items presented.