

**PRODUCT DATA SHEET FOR
RIGID POLY-PROPYLENE (PP) EXTRUSIONS**

Material Characteristics, Test Standards and Typical Results of Rigid PP Profile

S. No.	Characteristics Tested	Standard Followed	Typical Values
1.	SHORE HARDNESS D Rockwell	DIN EN ISO 868	75 ⁰
2.	DENSITY Gm/cm ³	DIN EN ISO 1183	1.00
3.	YIELD STRESS Mpa	DIN EN ISO 527	25
4.	ELONGATION – at Yield %	DIN EN ISO 527	7
5.	TENSILE MODULUS OF ELASTICITY MPa	DIN EN ISO 527	1400
7.	NOTCHED IMPACT STRENGTH kJ/m ²	DIN EN ISO 179	9.0
8.	MEAN COEFFICIENT OF THERMAL EXPANSION K ⁻¹	DIN 53752	1.6 x 10 ⁻⁴
9.	THERMAL CONDUCTIVITY W/m.K	DIN 52612	0.22
10.	FIRE BEHAVIOUR	DIN 4102	Normal Flammability
		UL 94	V-0 > 4 mm
11.	TEMPERATURE RANGE °C		0 – 100 ⁰