

P 80 B 11,0 PP-G High-performance composite profiles

PHYSICAL PROPERTIES

Glass Content	(%)	80 ± 2,5 %	(DIN EN ISO 1172)
Density	(g/cm ³)	2,1	(DIN 53479)
Modulus of elasticity	(N/mm ²)	> 50.000	(DIN EN ISO 527-4)
Tensile strength of area	(N/mm ²)	1.500 ± 5 %	(DIN EN ISO 527-4)
Elongation at break	(%)	> 2,5	(DIN EN ISO 527-4)
Ovality	(%)	< 6	

CHARACTERISTIC VALUES

Uncoated Material

Outside Diameter (tolerance)	(mm) (inches)	8.0 (± 0.20) 0.315 (± 0.0079)	
Weight	(g/m)	105 ± 4 %	
Force at Break	(N)	75,360 ± 5 %	(DIN EN ISO 527-4)
Minimum Bend Diameter at 25 °C	(mm) (inches)	800 31.5	

Coated Material

Coating Material		Polypropylene (yellow)	
Diameter with coating (Tolerance)	(mm) (inches)	11.0 (± 0.20) 0.43307 (± 0.0079)	
Overall Weight	(g/m)	150	