

Technical Data Sheet



Polystone® P HG EHS grey extruded

PP-H

Typical characteristics

- Good sterilisation resistance
- High rigidity
- ISO 10993-5 tested on semi-finished product
- Corrosion resistant
- Chemical resistant

Typical industries

- Healthcare

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	0,92
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	35
Elongation at break	DIN EN ISO 527	%	35
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2100
Notched impact strength	DIN EN ISO 179	kJ / m ²	4,5
Ball indentation hardness	DIN EN ISO 2039-1	MPa	110
Thermal properties			
Melting temperature	ISO 11357-3	°C	168

