

### Technical Data Sheet



## Polystone<sup>®</sup> P HG EHS blue

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
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	0,92
<b>Mechanical properties</b>			
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 <sup>2</sup>	4,5
Ball indentation hardness (H358/30)	DIN EN ISO 2039-1	MPa	110
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	168

