

## Technical Data Sheet



# Polystone<sup>®</sup> P HG EHS white 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
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	0,92
<b>Mechanical properties</b>			
Elongation at break	DIN EN ISO 527	%	40
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1500
Tensile strength	DIN EN ISO 527	MPa	35
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	4,5
Ball indentation hardness	DIN EN ISO 2039-1	MPa	80
Hardness	DIN EN ISO 868	Shore D	75
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	163

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