

Technical Datasheet

GPPS1810

1) Product Description:

GPPS1810 is easy flowing crystal polystyrene designed for injection applications.

2) Applications:

- ✓ Petri dishes
- ✓ Blood sample tubes
- ✓ Disposable breakers
- ✓ Thin wall moldings

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (200 °C, 5kg)	ASTM D-1238	g/10min	20
Styrene Residual Monomer	CLG LABPSG004 (ATOFINA TEST METHOD)	PPM	<500
Vicat softening point (50 °C/hr 1kg)	ASTM D-1525	°C	90
Rockwell Hardness	ASTM D-785	-	SCALE/L70
Tensile Strength at Break	ASTM D-638	MPA	40
Elongation at Break	ASTM D-638	%	3
Tensile Modulus	ASTM D-638	MPA	4150

*All above mentioned data are typical values and not to be construed as real specifications.

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