



## Technical Datasheet: GPPS 1115

### Product Description:

GPPS 1115 is a General Purpose Polystyrene (GPPS) with easy flow and good clarity. It is recommended for application where a specific balance of flow and strength are important. In injection, molding GPPS 1115 possesses low viscosity at high shear rate. It is particularly suitable for glossy-layer coextrusion.

### Applications:

Injection moulding, disposable cups, pen barrels, crisper boxes for refrigerators, food containers, gloss layer co-extrusion, loose fill packaging and it can blend with HIPS.

### Typical data:

Property	Test method	Unit	value
Melt flow rate @200°C & 5 kg load	ASTM D1238	g/10min	9-11
Vicat Softening point (10N)	D1525	°C	95
Notched IZOD impact strength (23°C)	D256	KJ/m <sup>2</sup>	1.5
Unnotched IZOD impact strength (23°C)	D256	KJ/m <sup>2</sup>	8
Tensile strength at break	D638	Mpa	42
Elongation at break	D638	%	2.5
Tensile Modulus	D638	Mpa	2900
Water absorption	D570	%	<0.09
Moulding shrinkage	D955	%	0.4 – 0.8