



GPSS 1115

Product Description:

General purpose polystyrene GPSS 1115 with the easy flow and good clarity. It is recommended for applications where a specific balance of flow and strength are important. In injection moulding, GPSS 1115 possesses low viscosity at the high shear rates. It is particularly suitable for glossy-layer co-extrusion.

Application:

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.

PROPERTY	VALUE	UNIT	TEST METHOD
Melt Flow Rate (200°C/5Kg)	9 - 11	g/10min	ASTM - D1238
Vicat softening point (10N)	95	°C	ASTM - D1525
Notched IZOD impact strength (23°C)	1.5	KJ/m ²	ASTM - D256
Unnotched IZOD impact strength (23°C)	8	KJ/m ²	ASTM - D256
Tensile strength at break	42	MPa	ASTM - D638
Elongation at break	2.5	%	ASTM - D638
Tensile Modulus	2900	MPa	ASTM - D638
Water absorption	<0.09	%	ASTM - D570
Moulding shrinkage	0.4 - 0.8	%	ASTM D - 955



All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.