



GPPS 32N

Product Description:

GP-32N is a general purpose polystyrene resin with easy flow and good clarity. It is recommended for applications where a specific balance of flow and strength are important. In injection molding, GP-32N possesses low viscosity at high shear rate. It is particularly suitable for glossy-layer co-extrusion.

Application:

- Injection molding
- Disposable cups
- Blending with HIPS

PROPERTY	VALUE	UNIT	TEST METHOD
Melt Flow Index (200 °C/ 5 kg)	10 - 12	gr/10mi n	ASTM D-1238
VICAT Softening Point (10 N)	95	°C	ASTM D-1525
Notched IZOD Impact Strength (23°C)	1.5	KJ/M ²	ASTM D-256
Unnotched IZOD Impact Strength (23°C)	8	KJ/M ²	ASTM D-256
Tensile Strength at Break	42	MPa	ASTM D-638
Elongation at Break	2.5	%	ASTM D-638
Tensile Modulus	2900	MPa	ASTM D-638
Water Absorption	≤ 0.09	%	ASTM D-570
Moulding Shrinkage	0.4 - 0.8	%	ASTM D-955
Density	1.04	g/cm ³	ASTM D-792

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