



HIPS 922N

Product Description:

HIPS-922N is a high impact polystyrene resin for extrusion thermoforming and injection molding industry. It is recommended for applications where a specific balance of flow and impact strength are important. It can be diluted with general purpose polystyrene.

Application:

It use for wide range of injection molding applications, office, kitchen and bathroom articles.

It use for wide range of extrusion, food packaging as beverage cups, packaging for dairy products ,for sheet, disposable dishware, toys , internal parts and housings of household.

PROPERTY	VALUE	UNIT	TEST METHOD
Melt Flow Index (200°C / 5 Kg)	4	g/10min	ASTM D-1238
Tensile strength at Break	25	MPa	ASTM D-638
Elongation at Break	30	%	ASTM D-638
Tensile modulus	1900	MPa	ASTM D-638
Notched Izod impact strength	10	KJ/m ²	ASTM D-256
Vicat softening point at 120°C,1 kg	95	°C	ASTM D-1525
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.