SNOWA H-732 is a very high impact polystyrene for the extrusion industry. This grade has been designed to be diluted with general purpose polystyrene such as SNOWA G132, G241, G324 at high levels to obtain stiff and impact resistant sheet for thermoformed packaging.

Features

- Suitable for thermoforming, extrusion and blending with high proportions of GPPS
- Good balance of toughness and heat resistance

Application

- Dairy sheet, pots
- Multilayer sheets
- Cups
- Food trays, Disposable

No.	Test Item	Test Method	Unit	Value
1	Melt Flow Index (200°C - 5kg)	ASTM D-1238	g/10min	4.5
2	Vicat Softening Temperature (50°C/hr. - 1kg)	ASTM D-1525	℃	87
3	Tensile strength @ Break	ASTM D-638	MPa	21
4	Tensile strength @ Yield	ASTM D-638	MPa	23
5	Elongation @ Break	ASTM D-638	%	40
6	Flexural Modulus	ASTM D-790	MPa	1850
7	Tensile Modulus	ASTM D-638	MPa	1950
8	Notched Izod impact strength	ASTM D-256	J/m²	105
9	Flexural stress @ Yield	ASTM D-790	MPa	21
10	Rockwell Hardness	ASTM D-785	-	64
11	Water Absorption	ASTM D-570	%	0.1
12	Residual Monomer	GB-16867	PPM	MAX 800
13	Mold Shrinkage	ASTM D-955	%	0.4 - 0.7
14	Density	ASTM D-955	Kg/lit	1.04

Processing : SNOWA H-732 can be processed by all conventional techniques using standard conditions for impact polystyrene. Mass temperature during extrusion should be below 240°C.