

Extrusion

Applications

- Insulation foam board
- Masterbatch carrier
- Modifier for thermoplastic elastomers and rubbers onsumer goods

Description

GPSS C20 is a high flow, high heat crystal polystyrene. The very low viscosity of this grade and its heat resistance makes it particularly suitable for the production of extrusion foam board.

FDA Status: *This material complies with FDA requirements as described in 21 CFR §177.1640.*

Property	Value	Unit	Method
Melt Index	20	g/10min	D 1238
Density	1.04	g/cm ³	
Vicat Softening Temperature	222	°F	D 1525
Tensile Strength	4000	psi	D 638
Tensile Modulus	4.3	psi	D 638
Flexural Strength	6700	psi	D 790
Flexural Modulus	4.8	psi	D 790
Heat Distortion - Annealed	204	°F	D 648
Linear Shrinkage	.004-.007	in/in	D 955
Moisture	< 0.1	%	

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.