

High Impact Polystyrene

Product Information

PS-4320

Injection Grade

TYPICAL USES AND APPLICATIONS

Audio and video cassettes. Toys. Appliance housing. Houseware. Containers. TV and radio cabinets.

MAIN FEATURES

Excellent combination of mechanical properties, gloss and mouldability.

PACKAGING

Pellets in 25 Kg bags.

PROPERTIES	TEST METHODS		TYPICAL VALUES	
	ASTM	COVENIN	METRIC SYSTEM	BRITISH SYSTEM
Melt flow index (200°C/5Kg)	D1238	1152	8.5 dg/min	---
Izod impact strength	D-256	822	110 J/m	2.1 lbf-ft/in
Tensile strength at yield	D-638	1357	21 MPa	3050 psi
Elongation at break	D-638	1357	65 %	65 %
Tensile modulus	D-638	1357	2150 MPa	322500 psi
Flexural strength	D-790	2345	38 MPa	5700 psi
Flexural modulus	D-790	2345	1750 Mpa	262500 psi
Vicat softening temperature	D-1525	479	96 °C	205 °F

These typical values are intended to serve as a guide only and not as specification limits. This resin complies with F.D.A. (U.S. Food and Drug Administration) requirements for food contact applications and is registered with the Ministry of Health and Social Assistance of Venezuela.

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