



ESTIRENO DEL ZULIA

High Impact Polystyrene

Product Information

PS-4000

Extrusion Grade

TYPICAL USES AND APPLICATIONS

Sheet extrusion and thermoforming of disposables.

MAIN FEATURES

Excellent processability. Excellent combination of toughness and rigidity.

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	3.5 dg/min	----
Izod impact strength	D-256	822	110 J/m	2.1 lbf-ft/in
Tensile strength at yield	D-638	1357	24 MPa	3600 psi
Elongation at break	D-638	1357	55 %	55 %
Tensile modulus	D-638	1357	2500 MPa	375000 psi
Flexural strength	D-790	2345	50 MPa	7500 psi
Flexural modulus	D-790	2345	2050 Mpa	307500 psi
Vicat softening temperature	D-1525	479	100 °C	212 °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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