



ESTIRENO DEL ZULIA

High Impact Polystyrene

Product Information

PS-4600

Extrusion Grade

TYPICAL USES AND APPLICATIONS

Custom sheet and profile extrusion. Dairy containers. Disposable drink cups. Refrigerator door liners.

MAIN FEATURES

Excellent processability. Toughness. Very good low temperature performance.

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	3.0 dg/min	----
Izod impact strength	D-256	822	130 J/m	2.5 lbf-ft/in
Tensile strength at yield	D-638	1357	21 MPa	3100 psi
Elongation at break	D-638	1357	50 %	50 %
Tensile modulus	D-638	1357	2150 Mpa	322500 psi
Flexural strength	D-790	2345	46 MPa	6900 psi
Flexural modulus	D-790	2345	1875 Mpa	281000 psi
Vicat softening temperature	D-1525	479	97 °C	207 °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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ESTIRENO DEL ZULIA, C.A.

Av. Francisco de Miranda
Edificio Seguros Venezuela – Piso 10 – Urb. Campo Alegre
Caracas, Venezuela
☎ (212) 952-95-23, 952-01-31, 953-57-37
Fax (212) 952-48-83