



# ESTIRENO DEL ZULIA

## High Impact Polystyrene

### Product Information

**PS-4150**

**Injection Grade**

#### TYPICAL USES AND APPLICATIONS

TV and radio cabinets. Appliance parts and components. Disposable razors.

#### MAIN FEATURES

High heat. Good flow and toughness.

#### 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	4.0 dg/min	----
Izod impact strength	D-256	822	105 J/m	2.0 lbf-ft/in
Tensile strength at yield	D-638	1357	29 MPa	4200 psi
Elongation at break	D-638	1357	50 %	50 %
Tensile modulus	D-638	1357	2100 MPa	315000 psi
Flexural strength	D-790	2345	48 MPa	7200 psi
Flexural modulus	D-790	2345	1850 Mpa	277500 psi
Vicat softening temperature	D-1525	479	104 °C	219 °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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