



PERSIAN GULF POLYMER

# HIGH IMPACT POLYSTYRENE HIPS - 6045

*Better Decision for better Production.*

LDPE | LLDPE | MDPE | HDPE | PP | PVC | GPPS | **HIPS** | EPS | PET | ABS | SBR | PBR | PC

## A. Product Description:

HIPS-6045 gives excellent extrusion. Also it can be used for injection molding.

## B. Typical Applications:

It use for wide range of injection molding applications, office, kitchen and bathroom articles.

It use for wide range of extrusion, food packaging as beverage cups, packaging for dairy products ,for sheet, disposable dishware, toys , internal parts and housings of household.

## C. Typical Data:

PROPERTY	VALUE	UNIT	TEST METHOD
Melt Flow Rate (200° C / 5 Kg )	4	g/ 10min	ASTM D-1238
Tensile strenght	24	MPa	ASTM D-638
Flexural modulus	1900	MPa	ASTM D-790
Charpy Izod impact strength	11	KJ/m <sup>2</sup>	ASTM D-256
Vicat softening point @120°C,1 kg	91	°C	ASTM D-1525

**Note:** All mechanical properties measured under standard conditions 50% RH and 23C.

**Packing:** HIPS-6045 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. the material can be supplied in either 25 kg bags.

**Regulatory information:** It is responsibility of the manufacturers of food contact articles and industrial food packers to make sure the article in their actual use are in compliance with the imposed migration requirements.

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