



PERSIAN GULF POLYMER

# HIGH IMPACT POLYSTYRENE HIPS - 5073

*Better Decision for better Production.*

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

## A. Product Description:

HIPS-5073 gives excellent injection molding. Also it can be used for extrusion.

## B. Typical Applications:

It use for injection molding applications, especially for dairy, sheet and food containers.it use for house hold too.

## C. Typical Data:

| PROPERTY                          | VALUE | UNIT              | TEST METHOD |
|-----------------------------------|-------|-------------------|-------------|
| Melt Flow Rate (200° C / 5 Kg )   | 7     | g/ 10min          | ASTM D-1238 |
| Tensile strenght                  | 25    | MPa               | ASTM D-638  |
| Flexural modulus                  | 2100  | MPa               | ASTM D-790  |
| Charpy Izod impact strength       | 10    | KJ/m <sup>2</sup> | ASTM D-256  |
| Vicat softening point @120°C,1 kg | 85    | °C                | ASTM D-1525 |

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

**Packing:** HIPS-5073 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.

