



PERSIAN GULF POLYMER

HIGH IMPACT POLYSTYRENE HIPS - 4125

Better Decision for better Production.

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

A. Product Description:

HIPS-4125 gives excellent processing in injection with good finished product dimensional stability. Also we can use this grade for extrusion processing.

The high melt flow index of this grade makes it particularly suited for fact cycling injection molding.

B. Typical Applications:

It use for house hold, toys and food containers.

C. Typical Data:

PROPERTY	VALUE	UNIT	TEST METHOD
Melt Flow Rate (200° C / 5 Kg)	12	g/ 10min	ASTM D-1238
Tensile strenght	30	MPa	ASTM D-638
Flexural modulus	2600	MPa	ASTM D-790
Charpy Izod impact strength	6.3	KJ/m ²	ASTM D-256
Vicat softening point @120°C,1 kg	95	°C	ASTM D-1525

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

Packing: HIPS-4125 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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