

## HIPS-6045

High Impact Polystyrene for  
Extrusion and Injection molding

### Product description:

HIPS-6045 gives excellent extrusion .also it can be use for injection molding.

### 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.

### Typical data:

properties	unit	value	ASTM method
<b>physical</b>			
Melt flow rate @200°C & 5 kg load	g/10min	4	D1238
<b>Mechanical properties</b>			
Tensile strenght	Mpa	24	D638
Flexural modulus	Mpa	1900	D790
Charpy impact strength	Kj/m <sup>2</sup>	9.5	ISO180
<b>Thermal properties</b>			
Vicat softening point @120°C,1 kg	°C	91	D1525

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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