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## HIGH IMPACT POLYSTYRENE HIPS 3163

HIPS 3163 is a high-performance polystyrene designed for injection molding applications. It is characterized by excellent processing capabilities, resulting in high-quality finished products suitable for various industrial uses.

Producer	Characteristic Properties	Applications
petropaak mashregh zamin	excellent processing capabilities high-quality finished	It use for injection applications, Printers and copiers, ventilators, TV back covers, Office machines, monitor cabinets.

### Typical Properties

Resin Properties	Unit	Typical	Test Method
Melt flow rate @200°C & 5 kg load	g/10min	16	ASTM D 1238
Tensile strenght	Mpa	32	D638
Flexural modulus	Mpa	2500	D790
Charpy impact strength	Kj/m <sup>2</sup>	5	ISO180
Vicat softening point @120°C,1 kg	°C	85	D1525

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

### Packing:

HIPS-3163 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