



SHOBEIR SHIMI  
WWW.SHOBEIRSHIMI.COM  
info@shobeirshimi.com

PETROPAAK MASHREGH ZAMIN

## HIGH IMPACT POLYSTYRENE HIPS 4035

HIPS 4035 excels in processing during extrusion and injection molding, making it a reliable choice for manufacturers seeking efficiency and performance.

Producer	Characteristic Properties	Applications
petropaak mashregh zamin	Impact Resistance Ease of Processing Thermal Stability	It use for wide range of extrusion, for refrigerator liners for refrigerator inserts and door paneling and for sheet extrusion application and for injection modules

### Typical Properties

Resin Properties	Unit	Typical	Test Method
Melt flow rate @200°C & 5 kg load	g/10min	3.3	ASTM D 1238
Tensile strenght	Mpa	24	D638
Flexural modulus	Mpa	1700	D790
Charpy impact strength	Kj/m <sup>2</sup>	6	ISO180
Vicat softening point @120°C,1 kg	°C	92	D1525

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

### Packing:

HIPS-4035 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 to make sure the article in their actual use are in compliance with the imposed migration requirements.