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MASHREGH ZAMIN PETROCHEMICAL COMPANY

HIGH IMPACT POLYSTYRENE HIPS 6045

HIPS 6045 is a versatile high-impact polystyrene (HIPS) engineered for both extrusion and injection molding applications. It offers excellent properties.

Producer	Characteristic Properties	Applications
MASHREGH ZAMIN	High Impact Polystyrene for Extrusion and Injection molding	The material is commonly used for injection molding in various applications, as well as for food packaging such as beverage cups and dairy product packaging.

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt flow rate @200°C & 5 kg load	g/10min	4	D1238
Tensile strenght	Mpa	24	D638
Flexural modulus	Mpa	1900	D790
Charpy impact strength	Kj/m ²	9.5	ISO180
Vicat softening point @120°C,1 kg	°C	91	D1525