

## HIPS-7055 (ESCR)

High Impact Polystyrene  
For Extrusion

### Product description:

HIPS-7055 (ESCR) gives excellent processing in extrusion (thermoforming) with good finished product dimensional stability.

### Typical applications:

It use for refrigerator liners for refrigerator inserts and door paneling.it use for packaging applications for oily food and dairy products .and for sheet extrusion application.

### Typical data:

properties	unit	value	ASTM method
<b>physical</b>			
Melt flow rate @200°C & 5 kg load	g/10min	4.4	D1238
<b>Mechanical properties</b>			
Tensile strenght	Mpa	30	D638
Flexural modulus	Mpa	2100	D790
Charpy impact strength	Kj/m <sup>2</sup>	11.5	ISO180
<b>Thermal properties</b>			
Vicat softening point @120°C,1 kg	°C	92	D1525

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

### Packing:

HIPS-7055 (ESCR) 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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