

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, dairy products and for sheet extrusion application.

Typical data:

Properties	Unit	value	ASTM method
Physical			
Melt Flow Index (200°C - 5 kg load)	g/10min	4.5	D1238
Mechanical Properties			
Tensile Strength	MPa	30	D638
Flexural Modulus	MPa	2100	D790
Izod Impact (Notched)	KJ/m ²	9.5	ISO 180
Thermal Properties			
Vicat Softening Point (50°C/hr,1 kg)	°C	92	D1525

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

Packing:

HIPS-7055 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. The product 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.

Edit Date: 02/26/2022