

Product Data Sheet

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.

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.

| properties | unit | value | ASTM method |
|-----------------------------------|-------------------|-------|-------------|
| physical | | | |
| Melt flow rate @200°C & 5 kg load | g/10min | 4.4 | D1238 |
| Mechanical properties | | | |
| Tensile strenght | Mpa | 30 | D638 |
| Flexural modulus | Mpa | 2100 | D790 |
| Charpy impact strength | Kj/m ² | 11.5 | ISO180 |
| Thermal properties | | | |
| 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.

