

HIPS-4035

High Impact Polystyrene
for Extrusion and Injection

Product description:

HIPS-4035 gives excellent processing in both extrusion with good finished product. also we can use for injection.

Typical applications:

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 data:

properties	unit	value	ASTM method
physical			
Melt flow rate @200°C & 5 kg load	g/10min	3.3	D1238
Mechanical properties			
Tensile strenght	Mpa	24	D638
Flexural modulus	Mpa	1700	D790
Charpy impact strength	Kj/m ²	6	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-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.

Edit Date:01/04/2021