

**Technical Data Sheet**

**HIPS 4125**  
High Impact Polystyrene

HIPS-4125 gives excellent processing in injection with good finished product dimensional stability. also we can use this grade for extrusion processing.

**Applications:**

It use for house hold, toys and food containers.

PROPERTY	UNIT	VALUE	TEST METHOD
Physical			
Melt Floe Rate@(200°c & 5 kg load)	g/10 min	12	ASTM D-1238
Mechanical Properties			
Tensile Strenght	MPA	30	ASTM D-638
Flexural modulus	MPA	2600	ASTM D-790
Charpy impact strength	KJ/m <sup>2</sup>	6.3	ISO 180
Thermal Properties			
Vicat softening point@120°c ,1 kg	°c	93	ASTM D-1525

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

**Packing:**

HIPS-4125 is supplied in the form of cylindrical of approximately 2.5×2.5 mm. the material can be supplied in either 25 kg bags.