

Product Description

1265



Apploy compound

PC/ PBT Alloy

Injection Moulding Grade

Product Description : APPLOY 1265 , unfilled PC/ PBT alloy with good flow properties. It has excellent balance of impact and rigidity. This product has been stabilized for outdoor exposure and provides good heat stability and also amenable to painting. This grade is suitable for automotive and appliances applications.

Colour : This grade is presently available in natural colour but other colours will also be available as per requirement of customers.

Application Area : The major application area is in the field of exterior body parts of automotive sector

Properties		Test Method	Condition	Unit	Specs Value
Physical	Specific Gravity	ASTM D792	23°C	---	1.22 ± 0.02
	Melt Flow Index	ASTM D1238	265°C/5.kg	g/10min	28 ± 5
Mechanical	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	kg _f /cm ²	600 ± 50
	Elongation at break (50 mm GL)	ASTM D638	23°C	%	> 110
	Flexural Modulus (127*12.7*3.2 mm)	ASTM D790	23°C	kg _f /cm ²	25000 ± 2500
	Izod Impact (notched) (63.5*12.7*3.2 mm)	ASTM D256	23°C	kg.cm/cm	72 ± 5
Thermal	HDT @4.6 kg _f /cm ² (Annealed) (127*12.7*12.7 mm)	ASTM D648	23°C	°C	> 105

- All values are measured atleast 48 hours storage at 23°C/ 50% relative humidity.
- *Note:* Please contact APPL for shrinkage recommendations

Processing Guideline:

The injection temperature profile for above grade should be between 250°C to 265°C and the mould temperatures between 60°C to 80°C. We recommended that the pellet should be dried for about 2 - 4 hours at 90°C - 100°C to avoid moisture linked problem during processing.

Note: All the information given by APPL for use of these materials is given in good faith and to the best of our knowledge. The data, information, suggestion contained herein are given purely as guide. APPL does not guarantee the exact replication of the data by users since plastic testing is affected by a number of extraneous factors.

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