

Product Description

1511



Applac compound

Modified ABS + Acrylic Alloy Injection Moulding Grade

Product Description : APPLAC 1511 BK, ABS +Acrylic Compound modified with High Stiffness an other suitable additives to suit end applications. This grade has superior flow properties.

Colour : This grade is available as per customer requirement.

Application Area : The major application area is in the field of appliances /automotive sector.

	Properties	Test Method	Condition	Unit	Specs Value
Physical	Specific Gravity	ASTM D792	23°C	--	1.12 ± 0.02
	Melt Flow Index	ASTM D1238	220°C/10 kg	gm/10min	22 ± 5
Mechanical	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	kg _f /cm ²	580 ± 50
	Elongation @ break	ASTM D638	23°C	%	Min 5
	Flexural Modulus (Speed 15 mm/min)	ASTM D790	23°C	kg _f /cm ²	29000 ± 2000
	Izod Impact (notched) (63.5*12.7*3.2 mm)	ASTM D256	23°C	kg.cm/cm	11 ± 3
Thermal	HDT @4.6 kg _f /cm ² (127*12.7*12.7 mm)	ASTM D648	23°C	°C	85 ± 5

* Typical values only. Variations within normal tolerances are possible for various colours. 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 190°C to 240°C and the mould temperatures between 40°C to 60°C. We recommended that the pellet should be dried for about 1 - 2 hours at 100°C - 110°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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