

Product Description

HH 106 MM



Appstron compound

High heat ABS Compound Injection Moulding Grade

Product Description : APPSTRON HH 106 MM COLOUR UV, High heat ABS Compound modified with UV and 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 automotive sector

Properties	Test Method	Condition	Unit	Specs Value	
Physical	Specific Gravity	ASTM D792	23°C	--	1.02 – 1.05
	Melt Flow Index	ASTM D1238	220°C/10 kg	gm/10min	5 ± 2
Mechanical	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	kg _f /cm ²	Min 450
	Elongation @ break	ASTM D 638	23°C	%	Min 10
	Flexural Modulus (127*12.7*3.2 mm, Speed 5 mm/min)	ASTM D790	23°C	kg _f /cm ²	Min 22000
	Izod Impact (notched) (63.5*12.7*3.2 mm)	ASTM D256	23°C	kg.cm/cm	Min 15
Thermal	HDT 1.8 Mpa (Annealed) (127*12.7*12.7 mm)	ASTM D648	23°C	°C	Min 100

* All values are measured at least 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 210°C to 245°C and the mould temperatures between 60°C. We recommend that the pellet should be dried for about 1 - 2 hours at 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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