

Product Description

7051



Appcom compound

Modified PP Compound Injection Moulding Grade

Product Description : APPCOM 7051, 20% Mineral filled polypropylene compound modified with an other suitable additives to suit end applications. This grade has moderate flow properties.

Colour : This grade is available as per customer requirement.

Application Area : The major application area is in the field of automotive, industrial sector

	Properties	Test Method	Condition	Unit	Specs Value
Physical	Melt Flow Index	ASTM D1238	230°C/2.16 kg	gm/10min	10 - 13
	Specific Gravity	ASTM D 792	23°C	-	1.05 ± 0.03
Mechanical	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	Mpa	≥ 29.40
	Flexural Modulus (127*12.7*3.2 mm)	ASTM D790	23°C	Mpa	≥ 2450
	Izod Impact (notched) (63.5*12.7*3.2 mm)	ASTM D256	23°C	J/ m	≥ 19.60
Thermal	HDT @4.6 kg/cm ² (127*12.7*12.7 mm)	ASTM D648	23°C	°C	≥ 120

* 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 230°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 75°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.

ENG/F/01