

# Product Description

## 8088



Appcom compound

## Modified PP Compound Injection Moulding Grade

**Product Description** : APPCOM 8088 COLOUR , 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 sector

	Properties	Test Method	Condition	Unit	Specs Value
Physical	Melt Flow Index	ASTM D1238	230°C/2.16 kg	gm/10min	8 - 12
	Specific Gravity	ASTM D 792	23°C	-	1.03 – 1.07
Mechanical	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	kg <sub>f</sub> /cm <sup>2</sup>	Min 300
	Elongation at break (Type I, Speed 50 mm/min)	ASTM D638	23°C	%	Min 18
	Flexural Modulus (127*12.7*3.2 mm)	ASTM D790	23°C	kg <sub>f</sub> /cm <sup>2</sup>	Min 12000
	Izod Impact (notched) (63.5*12.7*3.2 mm)	ASTM D256	23°C	kg.cm/cm	Min 4
Thermal	HDT @4.6 kg <sub>f</sub> /cm <sup>2</sup> (127*12.7*12.7 mm)	ASTM D648	23°C	°C	Min 100

- 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 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.

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