

# Product Description

## G 4242



Appcom compound

## Modified PP Compound Injection Moulding Grade

**Product Description** : APPCOM G 4242 COLOUR UV, 10 % Mineral filled polypropylene compound modified with UV 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 ( **Pillar trim, IP etc**) automotive sector

	Properties	Test Method	Condition	Unit	Specs Value
Physical	Melt Flow Index	ISO 1133	230°C/2.16 kg	gm/10min	Min 10
	Density	ISO 1183	23°C	--	0.97 ± 0.02
Mechanical	Tensile Strength at yield ( Speed 50 mm/min)	ISO 527	23°C	kg <sub>f</sub> /cm <sup>2</sup>	330
	Elongation at break (Type I, Speed 50 mm/min)	ISO 527	23°C	%	30
	Flexural Modulus (Speed 28 mm/min)	ISO 178	23°C	kg <sub>f</sub> /cm <sup>2</sup>	25000
	Izod Impact (notched) (63.5*12.7*3.2 mm)	ISO 180	23°C	kg.cm/cm	6
Thermal	HDT @4.6 kg <sub>f</sub> /cm <sup>2</sup> (127*12.7*12.7 mm)	ISO 75	23°C	°C	130

\* 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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