

Product Description

7870 MM



Appcom Compound

Impact Modified PP Compound Injection Moulding Grade

Product Description : APPCOM 7870 MM COLOUR UV, High flow , high Modulus, mineral filled thermoplastics electrometric olefin has excellent rigidity, high impact with scratch resistance.

Colour : This grade is available as per customer requirement.

Application Area : The major application area is in the field of (Instrument panel and their child parts) automotive sector

	Properties	Test Method	Condition	Unit	Specs Value
Physical	Melt Flow Rate	ASTM D 1238	230°C/2.16 kg	gm/10min	20 ± 5
	Density	ISO 1183	23°C	Gm/cm ³	1.03 ± 0.02
Mechanical	Tensile Stress @ yield (Type I, Speed 50 mm/min)	ISO 527	23°C	MPa	18 ± 2
	Tensile Strain @ yield (Type I, Speed 50 mm/min)	ISO 527	23°C	%	7 ± 2
	Flexural Modulus	ISO 178	23°C	MPa	1850 ± 200
	Izod Impact Strength(notched)	ISO 180	23°C	KJ/m ²	No break
	Izod Impact Strength(notched)	ISO 180	- 30°C	KJ/m ²	6.6 ± 1
Thermal	HDT Method B (0.45 Mpa)	ISO 75	23°C	°C	103

* 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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