

Product Description

8039



Appcom compound

Mineral Filled PP Compound Injection Moulding Grade

Product Description : APPCOM 8039 COLOUR, 30% Mineral filled polypropylene compound modified with an other suitable additives to suit end applications.

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 D 792	23°C	-	1.10 – 1.15
	Melt Flow Index	ASTM D1238	230°C/2.16 kg	gm/10min	7 - 10
Mechanical	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	kg/cm ²	Min 230
	Elongation at break (Type I, Speed 50 mm/min)	ASTM D638	23°C	%	Min 30
	Flexural Modulus (127*12.7*6.4 mm 1.3 mm/min)	ASTM D790	23°C	kg/cm ²	Min 18000
	Izod Impact (notched) (63.5*12.7*3.2 mm)	ASTM D256	23°C	kg.cm/cm	Min 3
Thermal	HDT @4.6 kg/cm ² (127*12.7*12.7 mm)	ASTM D648	23°C	°C	Min 125

- 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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