

Product Description

4838 M



Appcom compound

Impact Modified PP Compound Injection Moulding Grade

Product Description : APPCOM 4838 M , Impact modified PP Compound with UV, high resilience, high impact an other suitable additives to suit end applications.This grade has moderate flow properties.

Colour : As per customer requirement.

Application Area : The major application area is in (self supporting bumper and their child parts) in automotive sector

	Properties	Test Method	Condition	Unit	Specs Value
Physical	Specific Gravity	ASTM D 792	23°C	--	0.90 – 0.92
	Melt Flow Index	ASTM D 1238	230°C/2.16 kg	gm/10min	8 - 14
Mechanical	Tensile Strength at yield (Type 1 , Speed 50 mm/min)	ASTM D 638	23°C	Kg /cm ²	Min 170
	Elongation at break (Type 1 , Speed 50 mm/min)	ASTM D 638	23°C	%	Min 100
	Flexural Modulus Speed 2 mm/min	ASTM D 790	23°C	Kg /cm ²	Min 10,000
	Izod Impact (notched) 3.2 mm thick	ASTM D 256	23°C	Kg-cm/cm	Min 48
Thermal	HDT @18.2 Kg/cm ²	ASTM D 648	23°C	°C	Min 48

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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