

Technical Data Sheet

APPCOM
Advanced
Polypropylene
Compounds

APPCOM MM 1212

Advanced Polypropylene Compound

Application

Automotive

Characteristics

High Impact Resistance

Good Stiffness

Typical Properties for **APPCOM MM 1212**

	PROPERTIES	TEST METHOD	CONDITION	UNIT	TYPICAL VALUE
PHYSICAL	Specific Gravity	ASTM D 792	23°C	--	0.96 – 0.99
	Melt Flow Index	ASTM D 1238	230 °C / 2.16 kg	gm /10 min	20 ± 5
MECHANICAL	Tensile Strength	ASTM D 638	23 °C (50 mm/min)	MPa	10
	Flexural Modulus	ASTM D 790	23 °C	MPa	1000
	Izod Impact Strength (notched)	ASTM D 256	23 °C	kg-cm/cm	NB
THERMAL	Heat Deflection Temperature	ASTM D 648	@ 0.46 MPa	°C	65

Values are taken after 48 hrs conditioning, Room Temperature 23 °C and 50 % Relative Humidity

- Processing Guidelines:

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 80°C - 100°C to avoid moisture linked problem during processing.

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- Health and Safety:

The material may cause irritation when exposed to naked skin. Person is advised to wear protective gear before handling.

Material should be stored in clean and dry conditions with temperatures below 30 °C

- Disclaimer

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.