

Technical Data Sheet

APPLON

Advanced PA 6
Compound

APPLON NL 260

Advanced PA 6 Compound

Application

Automotive (Exterior/interior)

Characteristics

UV stabilized

Moderate flow



APPL Industries Limited
Advanced Material Technology

Typical Properties for APPLON NL 260

	PROPERTIES	TEST METHOD	CONDITION	UNIT	VALUE
PHYSICAL	Moisture Content	APPL	105°C /45 min.	%	Max 0.20
MECHANICAL	Tensile Strength @ yield (Type I Speed 50mm/min)	ASTM D-638	23°C	Kg/cm ²	Min 500
	Flexural Modulus	ASTM D-790	23 °C	Kg/cm ²	Min 20,000
	Elongation at break (Type I , Speed 50 mm/min)	ASTM D-638	23°C	%	Min 5
	Izod Impact Strength (N) (63.5*12.7*3.2mm)	ASTM D-256	23°C	Kg-cm/cm	Min 2

The values shown on the above table are typical values and not intended for specification purpose. Values are taken after 48hrs condition, Room Temperature at 23°C and 50% relative Humidity

- Processing Guidelines:

The injection temperature profile for above grade should be between 230°C to 260°C and the mould temperatures between 60°C to 90°C.

We recommended that the pellet should be dehumidified for 4 hours at 100°C - 120°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 35°C.

- Packaging – 25 kg packed in woven sacks bag.

- 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.