

# Product Description

## NL 260 G15



Applon compound

## Nylon 6 -15% GF Compound Injection Moulding Grade

**Product Description** : APPLON NL 260 G15 COLOUR UV, Nylon 6 – 15 % Glass filled compound modified with high impact, high modulus.

**Colour** : As per Customer requirement.

**Application Area** : The major application area is in the field of automotive sector

Physical	Properties	Test	Condition	Unit	Specs Value
		Method			
	Specific Gravity	ASTM D 792	23°C	-	1.23
Mechanical	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	kg/cm <sup>2</sup>	Min 650
	Flexural Strength	ASTM D790	23°C	kg/cm <sup>2</sup>	Min 800
	Flexural Modulus	ASTM D790	23°C	kg/cm <sup>2</sup>	Min 20,000
	Izod Impact (Un -notched) (63.5*12.7*3.2 mm)	ASTM D256	23°C	kg.cm/cm	Min 35
Thermal	HDT@ 4.6 Kg/cm <sup>2</sup> ( 127 *12.7 *12.7mm)	ASTM D648	23°C	Deg.C	Min 200

\* All values are measured as dry as moulded.

*Note:* Please contact APPL for shrinkage recommendations

### Processing Guideline:

The injection temperature profile for above grade should be between 230°C to 290°C and the mould temperatures between 60°C to 80°C. We recommended that the pellet should be dried for about 2 - 3 hours at 100°C - 120°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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