

# Product Description

## KL 260



Applon compound

## Nylon 6,6 Compound Injection Moulding Grade

**Product Description** : APPLON KL 260 COLOUR UV, Nylon 6,6 compound modified with UV and other suitable additives to suit end applications. This grade has moderate flow properties.

**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
<b>Physical</b>	Specific Gravity	ASTM D792	23°C	--	1.14
	MFI @ 250 Deg.C/2.16 Kg load	ASTM D 1238	23°C	Gms/10 Min	NA
<b>Mechanical</b>	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	kg <sub>f</sub> /cm <sup>2</sup>	Min 600
	Elongation at break (Type I, Speed 50 mm/min)	ASTM D638	23°C	%	Min 5
	Flexural Modulus	ASTM D790	23°C	kg <sub>f</sub> /cm <sup>2</sup>	Min 18,000
	Izod Impact (notched) (63.5*12.7*3.2 mm)	ASTM D256	23°C	kg.cm/cm	Min 2
<b>Thermal</b>	<a href="#">HDT@4.6</a> Kg/cm <sup>2</sup>	ASTM D648	23°C	Deg.C	Min 160

\* 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 260°C and the mould temperatures between 60°C to 80°C. We recommend that the pellet should be dried for about 3 - 4 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.

ENG/F/01