

Product Description

1430



Appnate Compound

PC Compound Injection Moulding Grade

Product Description : APPNATE 1430 COLOUR UV, unfilled PC Compound good flow properties. It has excellent balance of impact and rigidity. This product has been stabilized for outdoor exposure and provides good heat stability. This grade is suitable for automotive and appliances applications.

Colour : This grade is available as per requirement of customers.

Application Area : Automotive etc.

	Properties	Test Method	Condition	Unit	Specs Value
Physical	Specific Gravity	ASTM D792	23°C	----	1.20 ± 0.03
	Mould Shrinkage 3.2 mm	ASTM D 955	23°C	%	0.4 – 0.7
Mechanical	Tensile Strength at yield (Type I, Speed 50 mm/min)	ASTM D638	23°C	kg _f /cm ²	Min 550
	Flexural Modulus (127*12.7*3.2 mm)	ASTM D790	23°C	kg _f /cm ²	Min 21000
	Flexural Strength (127*12.7*3.2 mm)	ASTM D790	23°C	kg _f /cm ²	Min 750
	Izod Impact at 23°C (Notched)	ASTM D256	23°C	Kg-cm/cm	NB
Thermal	HDT @4.6 kg _f /cm ² (127*12.7*12.7 mm)	ASTM D648	23°C	°C	Min 130

* All values are measured atleast 48 hours storage at 23°C/ 50% relative humidity

Processing Guideline:

The injection temperature profile for above grade should be between 240°C to 265°C and the mould temperatures between 60°C to 80°C. We recommended that the pellet should be dehumidified for about 4 hours at 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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