

Product Description

MF 1810 VW



Appcom compound

Impact Modified PP Compound Injection Moulding Grade

Product Description : APPCOM MF 1810 VW (526 31-1), 10 % Mineral filled Impact modified PP modified with UVan other suitable additives to suit end applications.

Colour : This grade is available as per customer requirement.

Application Area : Automotive sector etc. (Bumper ,exterior application)

| | Properties | Test Method | Condition | Unit | Specs Value |
|------------|---|-------------|---------------|--------------------|-------------|
| Physical | Specific Gravity | ASTM D 792 | 23°C | - | 0.97 ± 0.02 |
| | Melt Flow Index | ASTM D1238 | 230°C/2.16 kg | gm/10min | 18 ± 3 |
| Mechanical | Tensile Strength at yield (Type I, Speed 50 mm/min) | ASTM D638 | 23°C | kg/cm ² | Min 150 |
| | Flexural Strength (127*12.7*3.2 mm) | ASTM D790 | 23°C | kg/cm ² | Min 160 |
| | Flexural Modulus (127*12.7*3.2 mm) | ASTM D790 | 23°C | kg/cm ² | Min 7000 |
| | Izod Impact (notched) (63.5*12.7*3.2 mm) | ASTM D256 | 23°C | kg.cm/cm | No break |
| Thermal | HDT @4.6 kg/cm ² (127*12.7*12.7 mm) | ASTM D648 | 23°C | °C | Min 110 |

Note: Please contact APPL for shrinkage recommendations

Processing Guideline:

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 75°C - 100°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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