

# SAPYLENE GF30HKB

Polypropylene  
Sahel Chimie Co.

Message:

SAPYLENE GF30HKB is a Polypropylene material filled with 30% glass fiber. It is available in Africa & Middle East. Primary attribute of SAPYLENE GF30HKB: Non-Toxic.  
Typical applications include:  
Automotive  
Industrial Applications

| General Information    |                                  |  |  |
|------------------------|----------------------------------|--|--|
| Filler / Reinforcement | Glass Fiber,30% Filler by Weight |  |  |
| Features               | Non-Toxic                        |  |  |
| Uses                   | Automotive Applications          |  |  |
|                        | Industrial Applications          |  |  |

| Physical                                  | Nominal Value | Unit              | Test Method   |
|-------------------------------------------|---------------|-------------------|---------------|
| Density                                   | 1.06          | g/cm <sup>3</sup> | ISO 1183      |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 8.7           | g/10 min          | ASTM D1238    |
| Hardness                                  | Nominal Value | Unit              | Test Method   |
| Durometer Hardness (Shore D, 23°C)        | 68            |                   | ASTM D2240    |
| Mechanical                                | Nominal Value | Unit              | Test Method   |
| Tensile Stress                            |               |                   | ISO 527-2/100 |
| Yield                                     | 13.5          | MPa               |               |
| Break                                     | 2.54          | MPa               |               |
| Tensile Strain (Break)                    | 2.5           | %                 | ISO 527-2/100 |
| Flexural Modulus <sup>1</sup>             | 2.32          | MPa               | ISO 178       |
| Impact                                    | Nominal Value | Unit              | Test Method   |
| Notched Izod Impact <sup>2</sup> (23°C)   | 9.0           | J/m               | ISO 180       |

| NOTE |            |  |  |
|------|------------|--|--|
| 1.   | 100 mm/min |  |  |
| 2.   | 1A         |  |  |

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