

# SAPYLENE T40HLB

Polypropylene  
Sahel Chimie Co.

Message:

SAPYLENE T40HLB is a Polypropylene material filled with 40% talc. It is available in Africa & Middle East. Primary attribute of SAPYLENE T40HLB: Non-Toxic.  
Typical applications include:  
Automotive  
Industrial Applications

| General Information    |                           |  |  |
|------------------------|---------------------------|--|--|
| Filler / Reinforcement | Talc,40% Filler by Weight |  |  |
| Features               | Non-Toxic                 |  |  |
| Uses                   | Automotive Applications   |  |  |
|                        | Industrial Applications   |  |  |

| Physical                                  | Nominal Value | Unit              | Test Method |
|---|---------------|-------------------|-------------|
| Density                                   | 1.23          | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 7.7           | g/10 min          | ASTM D1238  |

| Hardness                           | Nominal Value | Unit | Test Method |
|------------------------------------|---------------|------|-------------|
| Durometer Hardness (Shore D, 23°C) | 70            |      | ASTM D2240  |

| Mechanical                    | Nominal Value | Unit | Test Method   |
|-------------------------------|---------------|------|---------------|
| Tensile Stress                |               |      | ISO 527-2/100 |
| Yield                         | 12.9          | MPa  |               |
| Break                         | 2.42          | MPa  |               |
| Tensile Strain (Break)        | 3.0           | %    | ISO 527-2/100 |
| Flexural Modulus <sup>1</sup> | 2.14          | MPa  | ISO 178       |

| Impact                                  | Nominal Value | Unit | Test Method |
|---|---------------|------|-------------|
| Notched Izod Impact <sup>2</sup> (23°C) | 7.2           | J/m  | ISO 180     |

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

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