

Gum Base

Absolute safety in every bubble.



Absolute purity ensures complete safety for your customers. No matter what your final type of gum product is, Sonneborn's Multiwax® or wax blends for gum bases are compliant to every international health and safety standard for food-grade waxes. That's one reason Sonneborn waxes are the base of many of the world's favorite chewing gums. **Absolute know-how. Absolutely Sonneborn.**

KEY FEATURES AND BENEFITS

- Ultra-pure quality proven through the FSSC 22.000 certification
- Consistent properties, batch after batch, for a smooth production process
- Perfect binding capabilities for an improved texture
- Odor- and taste-free gum bases

TYPICAL PROPERTIES OF SONNEBORN GUM BASES

Product	Drop Melting Point ASTM-D127		Needle Penetration ASTM D-1321 dmm @ 77°F / 25°C	Color ASTM D-1500	Viscosity @212°F (100°C) ASTM D-2161 ASTM D-445 SUS (mm ² /s)		Congealing Point ASTM D-938 °C	Manufacturing Site
	°F	°C						
Multiwax 180MH	180–188	82–87	15–20	2.0 Max.	73 Min.	13 Min.	74–79	NL
Multiwax 180-W	175–188	79–87	15–22	+16 Min. ^c	75 Min.	14.3 Min.	75–80	US
Multiwax ML445H	175–183	79–84	25–32	2.0 Max.	73 Min.	13 Min.	71–76	NL
Multiwax W-445	170–180	77–82	25–35	+16 Min. ^c	75 Min.	14.3 Min.	71–76.5	US
SB1322	172–182	78–83	37–42	2.0 Max.	73 Min.	13 Min.	69–74	NL
Multiwax 7545	170–185	76–85	35–70	+16 Min. ^c	75 Min.	14.3 Min.	68–77	US

^c ASTM D-156 (Saybolt color)

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ABSOLUTE INVENTIVENESS, ABSOLUTE COMPLIANCE

Sonneborn waxes for gum bases are high-tech formulations of FDA-approved paraffins, microcrystalline waxes and, if required, approved additives. Our experience and knowledge enable us to engineer the world's most advanced waxes for gum bases. When you have specific requirements, Sonneborn can engineer a wide variety of waxes tailor-made for your gum products.



ABSOLUTE COMPLIANCE

- ISO 9001 / 14.001 / FSC 22.000 certified
- Compliant to FDA requirements CFR 172.886 and 178.3710
- Products manufactured in the US and The Netherlands meet the requirements of the European Directive for plastic materials and articles intended to come into contact with food:
 - ✓ COMMISSION REGULATION (EC) No 1935/2004 and No 2023/2006
 - ✓ COMMISSION REGULATION (EU) No 10/2011 (including migration limits) and No 231/2012, citing specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 (E 905)