

ExxonMobil waxes designed for candle applications

Parvan™ fully refined paraffin waxes

Sales specifications and typical* properties

Product Name	Melting Point			% Oil Content	Kinematic Visc. @ 100°C cSt	Needle Pen. 0.1 mm		Saybolt Color	Flash Point COC °C (°F)
	°C	°F	°F			25°C-77°F	40°C-104°F		
ASTM Test Method (a)	min/max	min/max	Typical*	max	Typical*	Typical*	Typical*	min	min
		D87		D721	D445	D1321		D156-D6045	D92
PARVAN 1270	51.7-53.3	125-128	126	0.5	3.4	16	108	+28	204 (400)
PARVAN 1290	52.8-54.4	127-130	129	0.5	3.5	15	106	+28	204 (400)
PARVAN 1310	53.9-55.6	129-132	130	0.5	3.6	16	110	+28	204 (400)
PARVAN 1330	55.6-57.2	132-135	133	0.5	3.7	16	85	+28	204 (400)
PARVAN 1341	55.6-57.2	132-135	133	0.5	3.9	15	100	+28	204 (400)
PARVAN 1380	57.8-59.4	136-139	137	0.6	4.1	16	66	+28	204 (400)
PARVAN 1381	57.8-59.4	136-139	137	0.6	4.0	14	55	+28	204 (400)
PARVAN 1402	58.0-61.0	136.4-141.8	139	0.7	4.3	15	56	+28	210 (410)
PARVAN 1420	60.0-62.2	140-144	140	0.6	4.6	15	47	+28	210 (410)
PARVAN 1451	61.1-63.9	142.0-147.0	144	0.5	4.9	15	38	+28	210 (410)
PARVAN 1470	62.8-65.0	145.0-149.0	146	0.7	5.4	13	34	+26	210 (410)
PARVAN 1471	62.8-65.0	145-149	147	0.5	5.2	15	33	+28	210 (410)
PARVAN 1520	66.1-68.3	151-155	152	0.8	6.3	16	34	+26	220 (428)
PARVAN 1540	67.2-69.4	153-157	155	0.8	6.6	13	34	+26	220 (428)
PARVAN 1580	68.9-73.3	156-164	159	0.75	7.5	15	36	+26	220 (428)

These Parvan waxes meet: FDA Purity Requirements of 21 CFR 178.3710 and Cold Odor Specification of 1 max by ASTM D-1833

Waxrex™ semi-refined paraffin waxes

Sales specifications and typical* properties

Product Name	Melting Point			% Oil Content	Kinematic Visc. @ 100°C cSt	Needle Pen. 0.1 mm		Saybolt Color	Flash Point COC °C (°F)
	°C	°F	°F			25°C-77°F	40°C-104°F		
ASTM Test Method (a)	min/max	min/max	Typical*	min/max	Typical*	Typical*	Typical*	min	min
		D87		D721	D445	D1321		D156-D6045	D92
WAXREX 1280	51.6-53.6	124.9-128.5	128	5-7	3.7	29	n/a	+28	204 (400)
WAXREX 1270	52.0-57.0	125.6-134.6	127	2.5 max	3.7	53	n/a	+25	200 (392)

Note: Waxrex 1270 is produced in Europe (PJJ, France) and all other candle-waxes are produced in North America (Baton Rouge plant)

(a) In lieu of a standard test method, alternate test methods may be used for the certification of a product property.

* Typical values, provided for reference only, are not specifications and are not guaranteed.

Note 1: Products are certified on release to meet the values specified. Actual values may deviate within the established reproducibility of the test method specified.

Note 2: For the purpose of determining conformance with specification, observed or calculated values are rounded off to the nearest unit in the last significant digit used in expressing the limiting value in accordance to the ASTM E 29 method.

Every care has been taken in the preparation of this information. For the most up-to-date specifications, please visit exxonmobil.com/pdssearch/search.aspx.