

General Wax product finder

			General properties						Sticks/pencils							Skin care					Hair care				
			Gelling/thickening	Oil binding	Crystallisation reduction	Compatibility oils	Plasticity/crack reduction	Film forming	Pigment dispersion	Bleeding/sweating	Gloss	Tack-/stickiness	Stength	Typical congealing point (°C)	Typical drop melting point (°C)	Pay-off	Hardness	Skin feel	Emulsion stabilisation	Sun Protection Factor	Lubricity	Emolliency	Conditioning	Adherence	Hair gloss
		-- not recommended - not suggested possible + suggested ++ recommended																							
Natural waxes	Beeswax	Classic	+	+	+	+	+	+	+	-	+	62	64	+		+	+	+			++	+			
	Carnauba wax	Hardest glossy wax			-	-				++	-	81	84		+	--		-	--	--	--	-	+		
	Candelilla wax	Oil binding and gelling	++	++	+	+	+		++	++	+	69	72	++	++	+	+	+	--	--	--	+	+		
	Sunflower wax	Excellent gelling agent	++	++		++	+		++	-	-	++	75	75		++	++	+	+					-	
	Orange peel	Vegetable lanolin			+	+	+	+		++	+	40	45	++	-	++		+		+	+	++	+	+	
	Lemon peel	Emmoliency, skin feel, beautiful aroma								+		60	62			++	+	+		+		+	+		
	Rice bran wax	High melting	++	+			+			-	-	++	80	81		++	++	+	+		+				
	Sumac wax	Alternative Japan wax, pay off improvement		+	+	+	+	+	+		+	37	50	++	-	++	+		+			+	+		
	Jasmin Grandiflorum	Beautiful aroma		+	+	+	+			+	+	58	58	++		+	+					+	+		
	Rose wax	Beautiful aroma	+	+	+	+	+			+		55	55	+	+	+	+					+	+		
Derivatives	BWEster BW67	Excellent gelling, stabiliser	++	++	++	++			++		+	67	69			+	++	+							
	Siliconyl beeswax	Skin feel, crack reduction		+	++	+	+	+	+	+	+	69	69	+	-	+	+	+	+	+	++	+	+	+	
	Cera Bellina	Compatibility, rheology modifier		+	++	+	+	+	+	+		68	70	+	-	++	+	+	+	+					
	Peg-8 Beeswax	Hydrophilic, self-emulsifying beeswax		+	++	+	+	+	+	+		68	68			++	+	+	+	+				+	
	PEG-12 Carnauba	Hydrophilic, self-emulsifying carnauba			+	+	+	+	+	+		82	82			+	+	+	+					+	
	Siliconyl Candelilla	Oil binding and gelling, skin feel	+	+	++	+	+	+	+	+	+	69	69	+		+	+	+	+	+	+	+	+	+	
Specialty waxes	Kester wax K82P	Plasticizer, high melting		++	++	+	++	+	++	++	+	81	86	++	--		+	++		+			+		
	Kester wax K80H	High melting, hard	++	+	++	++			+		+	82	88		++		+								
	Kester wax K82D	Excellent gelling natural oils	++	+	++	++	+	+	+	++		81	94	+				+							
	Kester wax K30G	Silicone like, skin feel	-		+	+	+			+		30	33	+	--	++			++	+	+				
	Kester wax K62	Alternative Jojoba wax/synthetic spermacetti				+	+			+	+	62	63		+	++	+		+	+	+	+	+		
	Kester wax K82P-VS	Extreme plasticizer, high melting		++	++	+	++	+	++	++	+	79	84	++	--		+	++		+		++			
	Kostene C-30	Polyethylene	+	+	+		+	+	+	+	+	70	71	+	++			++							
	Permulgin 3230	Ozokerite	+	+	+	+	+		+		+	77	82		+		+								
	Permulgin 3301	Alternative for beeswax	+			+						61	62	+	+	+	+			+	+		+		
	Permulgin 3310	Alternative for beeswax	+	+						+		73	78		+	+	++	+		+	+	+	+	+	
	Permulgin 3500	Petrolatum		+			++	++		+	-	52	55	++	--	+	+		++	++					
	Permulgin 4201	Microwax	++	++	+				+		+	85	90		++		++	+							
	Permulgin 4202	Microwax	+	++			+		+	+		72	77	+						+					