



Product Catalog



Website: www.opcpolymers.com



1920 Leonard Ave Columbus OH 43219



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Range of products



Customer Service



Technical Support

Long Oil Alkyd

- 7484-100
- 7662-100
- 2390-M-80
- 7778-M-70
- G2507-OMS-70
- G7758-MS16-60



Medium Oil Alkyd

- 7517-M-75
- 7531-V-55
- 7667-OX-50
- 2000-V-50
- 2001-B-55
- 2002-BA-65
- 7260-V-60
- 7745-DMC-75

Short Oil Alkyd

- 7482-PMA-90
- 7605-K-80
- 7686-BA-65
- 7780-X-50
- 7639-TBA-60



Copolymer

- 7060-V-60
- 7519-B-70
- 7563-V-60
- 7577-KD-65
- 7655-KD-75
- 7689-V-60
- OP-94
- OP-98

Coconut Alkyd

- 4137-X-60
- 4773-BA-70
- G801-238-X-66



Water Reducible

- 7775-EB-70
- 7776-PP-75

Urethane Alkyd

- 7779-MS16-60
- 5201-M-50
- 5202-OX-55



Phenolic Alkyd

- 5100-X-60
- 5101-BA-75

Products & Specifications

Resin	NVM	Viscosity	Acid Value	Color	Reduced Vis/NVM	Wt / g	Solvent	Application
Long Oil Alkyd								
7484-100	100	P - Q	10	7	-	8.00	-	Latex modifier, VOC free.
7662-100	100	Z - Z2	10	10	C - F/70	8.51	-	100% LOA. Wood Stains and latex modifier.
2390-M-80	80	Z - Z2	10	7	U - W/70	8.30	MS	Grinding vehicle, VOC modifier.
7778-M-70	70	Z - Z2	10	7	C - F/50	8.00	MS	Conventional LOA. TT-R-266, Type 1, class A alkyd.
G2507-OMS-70	70	Z3 - Z5	14	8	G - K/50	8.00	OMS	Low HAPs, architectural coatings.
G7758-MS16-70	60	Z1 - Z3	10	5	N - R/50	7.75	MS-16	High quality architectural gloss and trim enamels.
Medium Oil Alkyd								
7517-M-75	75	Z2 - Z4	4 - 10	7	D - G/50	8.10	MS	High solids medium oil alkyd. Air dry or forced dry applications.
7531-V-55	55	X - Z	10	10	T - V/50	7.50	VMP	Recommended for gloss, semi-gloss & floor enamels.
7667-OX-50	50	U - X	10	7	F - I/40	9.75	OX	VOC compliant enamels.
7260-V-60	60	Z3 - Z5	9	5	G - I/45	7.85	VMP	HAPs free medium oil alkyd designed for traffic paints.
2000-V-50	50	Z - Z3	12	7	G - I/40	7.50	VMP	Fast dry, conventional MOA.
2001-B-55	55	Z2 - Z4	5-10	6	T - W/50	7.80	MS/X	Chain stopped MOA. Fast dry industrial coatings.
2002-BA-65	65	W - Y	10	7	T - V/60	8.30	n-BA	HAPs free chain stopped MOA.
7745-DMC-75	75	Z2 - Z4	12	8	D - G	9.1	DMC	VOC Compliant Medium Oil Alkyd.
Short Oil Alkyd								
7482-PMA-90	90	Z3 - Z5	12 - 19	10	V - X/80	9.20	PMA	Low HAPs, high solids alkyd for bake applications.
7605-K-80	80	Z - Z3	12	6	C - F/60	9.00	MPK/100	Provides excellent dry, gloss retention and low VOC content.
7686-BA-65	65	Y - Z2	14	7	D - G/50	8.70	n-BA	High solids short oil alkyd. Air dry or forced dry applications.
7780-X-50	50	Z1 - Z3	14	6	H - K /40	8.30	X	Chain stopped alkyd for fast dry, durable enamels.
7639-TBA-60	60	Z - Z2	14	6	L - P/50	8.50	TBA	VOC compliant SOA. Very fast dry.
Monomer Modified Alkyd								
7060-V-60	60	Z - Z2	10	6	D - G/40	7.70	VMP	Excellent durability, Fast dry.
7519-B-70	70	W - Z	14	5	E - H/60	8.4	B	High solids, low HAPs styrene/acrylic modified alkyd.
7563-V-60	60	Y - Z1	4	4	C - F/40	7.40	VMP	Sanding sealers, aerosol, primer, & enamels - lacquer type dry.
7577-KD-65	65	Z - Z2	13	7	D - G/40	7.60	KD	Aerosols & stain stopping primers.
7655-KD-75	75	Z - Z3	10	6	J - M/60	7.80	KD	High solids VT oil for lower VOC fast dry coatings.
7689-V-60	60	Z - Z2	12	6	E - G/40	7.70	VMP	Fast dry high gloss enamels & topcoats; aerosol paints.
OP-94	60	Z - Z3	10	6	D - F/40	7.65	VMP	Economical-superior stain resistance, fast dry.
OP-98	60	Z - Z3	10	4	D - F/40	7.70	VMP	Fast dry high gloss enamels & topcoats; aerosol paints.



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Resin	NVM	Viscosity	Acid Value	Color	Reduced Vis/NVM	Wt / g	Solvent	Application
Coconut Alkyd								 Economical baking enamels and plasticizer for lacquers Very light color coconut resin. OH#175. Excellent color retention along with good hardness. OH#142.
4137-X-60	60	Z1 - Z3	12	1	A - D/40	8.60	X	
4773-BA-70	70	Z1 -	12	1	P - T/60	9.00	n-BA	
G801-238-X-66	66	Z4 Z3 -	4.5 - 9	3	-	8.65	X	
Water Reducible Alkyd								 Fast dry high gloss for industrial finishes. HAPs free. High solid fast drying, low VOC resin for industrial applications, HAPs free.
7775-EB-70	70	Z4 - Z6	33 - 40	7	-	8.95	EB	
7776-PP-75	75	Z6 - Z8	37 - 43	8	-	9.00	PP	
Urethane Alkyd								 General purpose varnishes, enamels, and floor finishes. Clear finishes for floor, wood coatings. Modifier for alkyd enamels. VOC compliant urethane modified alkyd.
7779-MS16-60	60	Z1 - Z3	2	6	S - V/40	7.65	MS-16	
5201-M-50	50	Z - Z2	2	6	-	7.6	MS	
5202-OX-55	55	V - Y	2	6	-	9.22	OX	
Phenolic Alkyd								 Fast drying phenolic modified alkyd. Same as 5100, n-BA version.
5100-X-60	60	Z2 - Z4	5 - 20	12	T - V/40	8.55	X	
5101-BA-75	75	Z4 - Z6	5 - 20	14	N - R/60	8.95	n-BA	



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High Solid & Compliant Resin List								
2390-M-80	80	Z – Z2	10	7	U – W/70	8.30	MS	Grinding vehicle, VOC modifier.
7517-M-75	75	Z2 – Z4	4 – 10	7	D – G/50	8.10	MS	High solids medium oil alkyd - air dry or force dry applications.
7667-OX-50	50	U – X	10	7	F – I/40	9.75	OX	VOC compliant enamel, MOA.
7482-PMA-90	90	Z3 – Z5	12 – 19	10	V – X/80	9.20	PMA	HAP free high solids alkyd for bake applications. Hydroxyl #81.
7605-K-80	80	Z – Z3	12	6	C – F/60	9.00	MPK/100	Finishes with excellent dry, gloss retention and low VOC content.
7519-B-70	70	W – Z	14	5	E – H/60	8.4	B	High solids, low HAPs styrene/acrylic modified alkyd.
7639-TBA-60	60	Z – Z2	14	6	L – P/50	8.50	TBA	VOC compliant SOA. Very fast dry.
7655-KD-75	75	Z – Z3	10	6	J – M/60	7.80	KD	High solids VT oil for lower VOC fast dry coatings.
7776-PP-75	75	Z6 – Z8	37 – 43	8	-	9.00	PP	High solid fast drying, low VOC, industrial applications, HAPs free.
5101-BA-75	75	Z4 – Z6	5 – 20	14	N – R/60	8.95	n-BA	Same as 5100, n-BA version.
7745-DMC-75	75	Z2 – Z4	12	8	D – G	9.1	DMC	VOC Compliant Medium Oil Alkyd.
5202-OX-55	55	V – Y	2	6	-	9.22	OX	VOC compliant urethane modified alkyd.

Solvent Key

MS Mineral Spirits, Low Aromatic

KD Kwik Dri Mineral Spirits

OMS Odorless Mineral Spirits

MPK Methyl Propyl Ketone

X Xylene

n-BA n Butyl Acetate

100 Aromatic 100

OX Oxsol 100

MS-16 Mineral Spirits, 16% Aromatic

PP Propylene Glycol Propyl Ether

PMA PM Acetate

EB Ethylene Glycol Monobutylether

For Technical Questions, SDS and General Inquiries:
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CENTIPOISE	Ford Cup 3	Ford Cup 4	Gardner Viscosity	Krebs Units KU	Zahn 1	Zahn 2	Zahn 3	Zahn 4	Zahn 5	Saybolt Uni- versal SSU
10		5			30	16				60
15		8	A-4		34	17				80
20	12	10	A-3		37	18				100
25	15	12	A2		41	19				130
30	19	14	A1		44	20				160
40	25	18	A		52	22				210
50	29	22		30	60	24				260
60	33	25		33	68	27				320
70	37	28	B	35		30				370
80	41	31	C	37		34				430
90	45	33		38		37	10			480
100	50	35	D	40		41	12			530
								10		
120	58	41	E	43		49	14	11		
140	66	45	F	46		58	16	13		580
160		50	G	48		66	18	14		690
180		54		50		74	20	16		790
200		58	H	52		82	23	17	10	900
220		62	I	54			25	18	11	1000
240		65	J	56			28	20	12	1100
260		68		58			30	21	13	1200
280		71	K	59			32	22	14	1280
300			L				34	24	15	1380
320		74	M	60			36	25	16	1470
340			N	62			39	26	17	1550
360			O				41	28	18	1630
380				64			43	29	19	1730
400			P				46	30	20	1850
420							48	32	21	1950
440			Q	66			50	33	22	2050
460			R	67			52	34	23	2160
480				68			54	36	24	2270
500			S	69			57	37	25	2380
550			T	71			63	40	27	2480
600				74				44	30	2660
700			U	77			68	51	35	2900
800				81				58	40	3375
900			V	85				44	30	3880
1000			W	88			68	51	35	2900
1100				92				58	40	3375
1200				95					59	3880
1300			X	98					64	5650
1500				102						6100
1800			Y	105						
2300			Z	114						8500
2500			Z1							
3500			Z2	129						10750
4500			Z3	136						
6000			Z4							
10000			Z5							
15000			Z6							





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