

EASTMAN

Eastman™ hydrocarbon resins

For adhesive applications



The results of insight™

Eastman™ hydrocarbon resins

Resin tradename	RBSP (°C) ¹	T _g (°C) ²	Color (Gardner) ³	Mol. wt. (Mz) ⁴	MMAP (°C) ⁵
Aliphatic					
Regalrez™ 1018	liquid	−22	<1	500	64
Regalrez™ 1094	95	40	<1	1,350	84
Regalrez™ 1085	87	34	<1	1,500	87
Regalrez™ 1126	124	67	<1	2,050	92
Regalrez™ 1128	130	72	<1	3,900	104
Regalrez™ 1139	141	84	<1	5,200	109
Regalite™ R1010	liquid	nm ⁶	na ⁷	na ⁷	82
Regalite™ R1090	88	36	<1	1,100	74
Regalite™ S1100	100	na ⁷	<1	1,300	77
Regalite™ R1100	100	50	<1	1,500	78
Regalite™ R1125	123	70	<1	2,100	86
Plastolyn™ R1140	140	84	<1	2,400	93
Eastotac™ H-100W	100	41	<1	2,150	81
Eastotac™ H-115W	115	56	<1	2,100	80
Eastotac™ H-130W	130	78	<1	2,200	83
Eastotac™ H-142W	142	88	<1	2,200	85
Eastotac™ H-100L	100	44	<1	2,300	78
Eastotac™ H-130L	130	75	<1	2,350	83
Eastotac™ H-115L	115	60	<1	2,400	82
Eastotac™ H-115R	115	53	2	2,450	82
Eastotac™ H-100R	100	44	2	2,550	79
Eastotac™ H-142R	142	87	2	2,300	82
Eastotac™ H-130R	130	73	2	2,400	84
Eastotac™ H-100E	100	44	5	2,450	77
Eastotac™ H-115E	115	61	5	2,600	80
Eastotac™ H-130E	130	66	5	2,350	78
Piccotac™ 1020	liquid	nm ⁶	3	2,600	92
Piccotac™ 1094-E	95	nd	5	3,400	89
Piccotac™ 1095	96	43	3	3,500	94
Piccotac™ 1095-N	96	nd ⁸	3	3,600	94
Piccotac™ 1098	100	47	3	4,950	94
Piccotac™ 1100-N	99	nd	3	7,000	na ⁷
Piccotac™ 1100	101	46	3	8,250	96
Piccotac™ 1100E-RM	100	nd ⁸	4	6,800	92
Piccotac™ 1105-E	101	nd ⁸	4	8,800	97
Piccotac™ 1115	112	58	4	10,500	99
Piccotac™ 1100-E	99	nd ⁸	5	6,800	96
Aliphatic/Aromatic					
Regalite™ R9100	99	50	<1	1,300	72
Regalite™ S7125	123	nd ⁸	<1	2,200	75
Regalite™ R7100	102	49	<1	1,500	63
Regalite™ S5100	97	50	<1	1,600	58
Regalrez™ 6108	108	55	<1	2,300	53
Regalrez™ 3102	102	51	<1	2,350	24
Piccotac™ 9095	94	42	3	4,200	88
Piccotac™ 9105	105	52	2	9,750	92
Piccotac™ 8595	95	44	na ⁷	3,200	81
Piccotac™ 8095	95	41	3	5,500	76
Piccotac™ 8090-E	92	nd ⁸	4	3,800	64
Piccotac™ 7050	50	7	3	1,730	65
Piccotac™ 7590-N	91	39	2	2,500	62
Piccotac™ 6095-E	98	45	7	4,000	35
Picco™ AR85	87	na ⁷	9	1,090	na ⁷
Picco™ AR100	100	na ⁷	8	1,200	na ⁷
Picco™ 2215	113	55	12	3,500	45
Aromatic					
Endex™ 155	153	99	<1	13,850	16
Endex™ 160	159	105	<1	18,400	16
Kristalex™ 1120	119	60	<1	7,600	5
Kristalex™ 3070	70	32	<1	1,450	0
Kristalex™ 3085	85	41	<1	1,900	1
Kristalex™ 3100	100	53	<1	2,550	5
Kristalex™ 3115	115	nd ⁸	<1	3,700	3
Kristalex™ 5140	139	85	<1	12,100	9
Kristalex™ F85	86	nd ⁸	<1	1,950	1
Kristalex™ F100	99	53	<1	2,200	2
Kristalex™ F115	117	nd ⁸	<1	3,300	2
Piccotex™ 75	75	32	<1	1,700	1
Piccotex™ 100	98	50	<1	3,600	7
Piccotex™ 120	118	70	<1	6,400	11
Piccotex™ LC	91	46	<1	2,200	3
Plastolyn™ 240	121	43	<1	8,500	8
Plastolyn™ 290	140	84	<1	16,000	9
Piccolastic™ A5	liquid	nm ⁶	2	550	−6
Piccolastic™ A75	74	35	1	2,250	6
Piccolastic™ D125	126	64	2	200,000	13
Picco™ A10	liquid	nd ⁸	9	1,850	na ⁷
Picco™ A100	101	nd ⁸	9	2,200	6
Picco™ A120	125	nd ⁸	8	2,600	na ⁷
Picco™ A140	142	nd ⁸	8	3,200	na ⁷
Picco™ 6100	102	46	11	5,300	30
Picco™ 5120	120	60	12	5,300	23
Picco™ 5140	140	84	12	6,000	23
Picco™ 2100	102	43	12	3,600	34
Picco™ B100	100	nd ⁸	13	na ⁷	na ⁷

¹Ring & Ball Softening Point, ASTM Method E-28

²Glass Transition temperature by differential scanning calorimetry

³Color, Gardner method, 50% in toluene, ASTM D6166

⁴Molecular Weight, Z-average, from gel permeation chromatography, elution with THF

⁵Cloud Point temperature from 2:1 Vol:Vol aniline methyl cyclohexane, Eastman Method

⁶Not measurable—transition not detected

⁷Not available

⁸Not determined

www.tackifier.com



**Eastman Chemical Company
Corporate Headquarters**

P.O. Box 431

Kingsport, TN 37662-5280 U.S.A.

Telephone:

U.S.A. and Canada, 800-EASTMAN (800-327-8626)

Other Locations, (1) 423-229-2000

Fax: (1) 423-229-1193

Eastman Chemical Latin America

9155 South Dadeland Blvd.

Suite 1116

Miami, FL 33156 U.S.A.

Telephone: (1) 305-671-2800

Fax: (1) 305-671-2805

Eastman Chemical B.V.

Fascinatio Boulevard 602-614

2909 VA Capelle aan den IJssel

The Netherlands

Telephone: (31) 10 2402 111

Fax: (31) 10 2402 100

**Eastman (Shanghai) Chemical
Commercial Company, Ltd. Jingan Branch**

1206, CITIC Square

No. 1168 Nanjing Road (W)

Shanghai 200041, P.R. China

Telephone: (86) 21 6120-8700

Fax: (86) 21 5213-5255

Eastman Chemical Japan Ltd.

MetLife Aoyama Building 5F

2-11-16 Minami Aoyama

Minato-ku, Tokyo 107-0062 Japan

Telephone: (81) 3-3475-9510

Fax: (81) 3-3475-9515

Eastman Chemical Asia Pacific Pte. Ltd.

#05-04 Winsland House

3 Killiney Road

Singapore 239519

Telephone: (65) 6831-3100

Fax: (65) 6732-4930

www.eastman.com

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