

RAIN CARBON RESINS & DILUENTS FOR ADHESIVES & COATINGS

Product Selection Guide

As a trusted distributor of Rain Carbon Inc., H.M. Royal can provide the hydrocarbon resins and reactive diluents you need to improve performance. We offer products for a variety of adhesive and coating applications.

Use this guide to select the best product for your specific requirements.

HM ROYAL
MATERIALS DISTRIBUTION



PRODUCT NAME		SOFTENING POINT (RING & BALL) [°C]	OH CONTENT [%] ASTM D3461	TYPICAL COLOR (GARDNER) 50% IN TOLUENE ISO 4630	COLOR (GARDNER) 50% IN TOLUENE ISO 4630	VISCOSITY 25 °C [MPAS] DIN 53019	DENSITY 20 °C [G/ML] DIN 51757	OH CONTENT [%] ISO 4630	TYPICAL COLOR [GARDNER] UNDILUTED ISO 4630	COLOR (GARDNER) UNDILUTED	OTHER SPECIFICATIONS
Adhesives	Pure® 1120	115 - 125	—	—	—	—	1.06 - 1.07	—	—	—	Resin initial YI: < 1.5 YI, Molecular weight (MZ): < 2,000 Da
	Pure® 2100	95 - 105	—	—	—	—	1.06 - 1.07	—	—	—	Resin initial YI: < 2.0 YI, Molecular weight (MZ): < 1,600 Da
	Pure® 2120	115 - 125	—	—	—	—	1.06 - 1.07	—	—	—	Resin initial YI: < 2.0 YI, Molecular weight (MZ): < 2,000 Da
	TK 90	90 - 95	—	7	Max. 9	—	1.06 - 1.10	—	—	—	Acid number: max. 0.1 mg KOH/g, EVA compatibility (90 °C + 170 °C): clear, Brookfield-Viscosity (160 °C) max. 1,000 mPas
	TK 100 H	100 - 105	—	6	Max. 6	—	1.06 - 1.10	—	—	—	EVA compatibility (170 °C): clear, CP (EVA 24): 90 - 130 °C, Naphthalene: max. 300 ppm
	TP 100	95 - 105	—	6	Max. 8	—	1.05 - 1.08	—	—	—	—
	TV 100	95 - 105	—	7	Max. 9	—	1.06 - 1.10	—	—	—	Acid number: max. 0.1 mg KOH/g, EVA compatibility (90 °C): clear
Coatings	L 100	Liquid	—	—	—	50 - 150	1.00 - 1.06	—	1	Max. 2	—
	L 800	Liquid	—	—	—	800 - 1,000	1.06 - 1.10	—	9	Max. 14	—
	LA 100	Liquid	1.4 - 1.6	—	—	75 - 150	1.01 - 1.05	—	1	Max. 2	—
	LA 300	Liquid	1.7 - 2.2	—	—	300 - 400	1.01 - 1.05	—	2	Max. 2	—
	LA 700	Liquid	2.3 - 2.8	—	—	700 - 800	1.01 - 1.05	—	2	Max. 2	—
	LA 1900	Liquid	2.6 - 3.2	—	—	2,000 - 2,700	1.01 - 1.05	—	1	Max. 2	—
	LS 500	Liquid	7.0 - 7.6	—	—	400 - 1,400	1.05 - 1.09	—	2	Max. 3	Free phenol: < 20 ppm
	LC 15	Liquid	1.4 - 1.6	—	—	100 - 180	1.01 - 1.05	—	2	Max. 2	—
	LC 40	Liquid	3.8 - 4.2	—	—	350 - 450	1.01 - 1.05	—	2	Max. 3	—
	HA 30	Liquid	0.9 - 1.3	—	—	25 - 35	0.98 - 1.03	—	3	Max. 14	—
	HA 1100	Liquid	1.4 - 1.9	—	—	800 - 1,200	1.02 - 1.08	—	8	Max. 17	—
	HA 2100	Liquid	1.6 - 2.0	—	—	2,200 - 2,800	1.02 - 1.08	—	8	Max. 17	—
	Ruetasolv® DI	—	—	—	—	—	0.9450 - 0.9650	—	—	—	—
Ruetasolv® BP D	—	—	—	—	—	0.9450 - 0.9750	—	—	—	—	Kinematic viscosity 20 °C: 20 - 40 mm ² /s, Boiling range: 304 - 337 °C, Content: > 75 % Di-Isopropylbiphenyl