

C9 Hydrogenated Hydrocarbon Resin

Item	Softening Point	Color Gardner GA#	Yellowness Index (YI)	Acid Value KOHmg/g	Features	Application
HF-100	100±5	0-1.0	≤ 3.5	≤0.30	Excellent heat stability	PSA, HMA
HM-1000	100±5	0-1.0	≤ 4.5	≤0.30	Waterwhite	PSA, HMA
HM-1100	110±5	0-1.0	≤ 4.5	≤0.30	Waterwhite & High SP	PSA, HMA
HM-1200	120±5	0-1.0	≤ 4.5	≤0.30	Waterwhite & High SP	PSA, HMA
HM-1300	130±5	0-1.0	≤ 4.5	≤0.30	Waterwhite & High SP	HMA, Plastic
HM-1400	140±5	0-1.0	≤ 4.5	≤0.30	Waterwhite & High SP	Masterbatch, plastic
HS-100	100±5	0-1.0	≤ 3.5	≤0.80	partially hydrogenated	road marking paint
HA-100	100±5	0-1.0	≤ 3.5	≤0.10	Aromaticity 6-15%	PSA, HMA
HA-120	120±5	0-1.0	≤ 3.5	≤0.10	Aromaticity 6-10%	PSA, HMA
HR-100	100±5	0-1.0	≤ 3.5	≤0.10	Aromaticity 8-12%	Tire Rubber

C5 Hydrogenated Hydrocarbon Resin

Item	Softening Point	Color Gardner GA#	Yellowness Index (YI)	Acid Value KOHmg/g	Features	Application
H5-1000W	100±5	0-1.0	0-2.99	≤0.30	C5 Fully hydrogenated	Hygiene, Cosmetic
H5-1000	100±5	0-1.0	3.00-4.50	≤0.30	C5 Fully hydrogenated	Hygiene Cosmetic
H5-1001	100±5	0-1.0	4.51-9.50	≤0.30	C5 Partially hydrogenated	Hygiene, PSA, HMA
H5-1002	100±5	1.1-2.0	9.51-15.50	≤0.30	C5 Partially hydrogenated	PSA, Packaging

C9 Hydrocarbon Resin

Item	Softening Point	Color Gardner GA#	Acid Value KOHmg/g	Bromine Number Br cg/g	Features	Application
HHP-1004	100±5	3.1-4.0	≤0.30	≤35	low SP	HMA, Rubber
HHP-1104	110±5	3.1-4.0	≤0.30	≤35	light color	HMA
HHP-1204	120±5	3.1-4.0	≤0.30	≤35	light color	paint, HMA
PR-100-11	90.1-100.0	10.5-11.2	≤0.50	≤35	yellow color	rubber
PR-110-11	100.1-110.0	10.5-11.2	≤0.50	≤35	yellow color	solvent adhesive
PR-120-11	110.1-120.0	10.5-11.2	≤0.50	≤35	yellow color	paint, ink
GML-100	90.1-100.0	16.1-18.0	≤0.50	≤35	coumarone	rubber
GML-110	100.1-110.0	16.1-18.0	≤0.50	≤35	coumarone	waterproofing
GML-120	110.1-120.0	16.1-18.0	≤0.50	≤35	coumarone	asphalt

C5 Hydrocarbon Resin

Item	Softening Point	Color Gardner GA#	Acid Value KOHmg/g	Melt Viscosity 200 cps	Features	Application
YH-1288S	95-105	Max. 5	1.0-1.6	Max. 250	Acid modified	Road marking paint
YH-1288	95-105	Max. 5	Max. 0.8	Max. 250	Aliphatic	HMA, Waterproofing
C5-F(A123)	95-105	Max. 5	Max. 0.8	Max. 250	Aliphatic	Rubber coumpanding
HHC-1288S	98-108	Max. 5	Max. 1.8	Max. 250	Acid modified	Road marking paint
HHC-1095	91-97	Max. 4	Max. 0.6	Max. 250	Aliphatic	PSA
HHC-1100	95-105	Max. 4	Max. 0.6	Max. 250	Aliphatic	PSA
HHC-2315	89-96	Max. 4	Max. 0.6	Max. 250	Styrene modified	PSA Tape

C5/C9 Copolymer Resin

Item	Softening Point	Color Gardner GA#	Acid Value KOHmg/g	Bromine Number Br cg/g	Features	Application
HH2-1003	100±5	2.1-3.0	≤0.30	≤35	light color	EVA based adhesive
HH2-1004	100±5	3.1-4.0	≤0.30	≤35	good compatibility	EVA based adhesive
HH2-1104	110±5	3.1-4.0	≤0.30	≤35	light color	EVA based adhesive
HH2-1204	120±5	3.1-4.0	≤0.30	≤35	light color	EVA based adhesive