

HIKOREZ

KOLON INDUSTRIES

Aliphatic Hydrocarbon Resins

Hot Melt Adhesive(HMA) /
HMPSA / Tapes /
Hot Melt Road Marking(HMRM) /
Tire



Specifications

3) 100% Molten Resin 4) 100% Molten Resin (200°C, 3hrs / H-Series : 200°C, 5hrs)

Item Unit	Softening Point°C	Color ⁽³⁾ Gardner#	Heat Stability ⁽⁴⁾ Gardner#	Acid Value KOHmg/g	Melt Viscosity at 200°C, cps	Features	Production Site
Test Method	ASTM E 28	ASTM D 1544	ASTM D 1544	ASTM D 1639	ASTM D 3236		
A-1100	94 – 102	Max. 6	Max. 8	Max. 1	Max. 200	General Purpose	Ulsan
A-1100S	94 – 102	Max. 6	Max. 8	1.00 – 1.99	Max. 200	Acid Modified Resin	Ulsan
A-1115	108 – 116	Max. 6	Max. 8	Max. 1	-	High SP	Ulsan
A-2115	108 – 116	Max. 6	Max. 8	Max. 1	-	High SP, Low Molecular Weight	Ulsan
C-1100	94 – 102	Max. 6	Max. 8	Max. 1	-	High Molecular Weight	Ulsan
R-1095	93 – 99	Max. 6	Max. 8	2.00 – 3.00	-	Acid Modified Resin	Ulsan
R-1100S	94 – 102	Max. 6	Max. 8	2.00 – 3.00	Max. 250	Acid Modified Resin	Ulsan
T-1080	80 – 90	Max. 6	Max. 8	Max. 1	-	C9 Modified Resin	Ulsan
T-1095	84 – 98	Max. 6	Max. 8	Max. 1	-	C9 Modified Resin	Ulsan
T-1100	94 – 102	Max. 6	Max. 8	Max. 1	-	C9 Modified Resin	Ulsan
T-3100	94 – 102	Max. 8	Max. 10	Max. 1	-	Highly C9 Modified	Ulsan
H-2100	97 – 106	Max. 3	Max. 8	Max. 0.1	-	Hydrogenated, Good Heat Stability	Yeosu, Daesan
H-2200	95 – 105	Max. 4	Max. 8	Max. 0.1	-	Hydrogenated, Highly C9 Modified	Yeosu, Daesan
H-2300	95 – 105	Max. 3	Max. 8	Max. 0.1	-	Hydrogenated, C9 Modified Resin	Yeosu, Daesan

Applications

Application	Main Components	Recommended HIKOREZ® Grades
Tapes	NR, SIS, SBR	A-1100(S), A-1115, A-2115, C-1100, T-1080, T-1095, T-1100, T-3100, H-2100, H-2300
Pressure Sensitive Adhesives	NR, BR, SIS	A-1100(S), A-1115, A-2115, H-2100, H-2200, H-2300
Hot Melt Adhesives	EVA	A-1100(S), A-1115, A-2115, C-1100, T-1080, T-1095, T-1100, T-3100, H-2100, H-2300
Solvent Based Adhesives	CR, SBR	C-1100, H-2200, H-2300
Hot Melt Road Marking	Fillers	A-1100S, R-1095, R-1100S
Rubber Compounding	NR, BR, SBR	A-1100, C-1100, T-1095, T-3100
Asphalt Modification	Asphalts	A-1115, R-1100S
Wax Compounding	Wax	A-1100, C-1100, H-2100
Sealants	LDPE, APO	A-1100, C-1100, H-2100