

C5/C9 Hydrocarbon Resin

TECHNICAL INFORMATION

Website: www.lescochem.com



Lesco Chemical Limited
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LESTAC C95

Aliphatic C5 and Aromatic C9 Copolymerized Petroleum Resin / Hydrocarbon Resin

Rev.03

25/05/2008

LESTAC C95 is pale yellow thermoplastic resin obtained from mainly polymerizing unsaturated aliphatic diolefins and aromatic coumarone, indene derived from the process of thermal cracking of naphtha. The major usages are tackifier for pressure sensitive adhesive, because of its well balanced PSA properties such as tackness, adhesive strength and cohesive strength. This grade also can be use as the binder for Paint, Printing Ink, Rubber Compound, tire, water repellent agent, concrete curing agent and binder for asphalt, etc.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	90-95	ASTM E 28
Color (Molten Resin, Ga.#)	Max.10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	Max.12	ASTM D 1544
Acid Value (KOHmg/g)	Max.1	ASTM D 974
Melt Viscosity (BRF, @200°C, cps)	Max.450	ASTM D 3236
Bromine Number (Br.cg/g)	Max.150	ASTM D 1159
Ash Value (%)	Max.0.05	ASTM D 4930

TYPICAL PROPERTIES

Specific Gravity (20/20°C)	1.03	ASTM D 71
Softening Point (Ring & Ball, °C)	94	ASTM E 28
Color (Molten Resin, Ga.#)	10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	12	ASTM D 1544
Acid Value (KOHmg/g)	0.4	ASTM D 974
Melt Viscosity BRF, @160°C, cps	960	ASTM D 3236
BRF, @200°C, cps	270	
Volatile Content (wt %)	< 1.0	150°C, 2hr

*Actual data will be reported on Certificate of Analysis

PACKING

25kgs/paper bag, Woven-plastic, big bags: 500kgs, 600kgs, 750kgs, 1000kgs

STORAGE

Palletized forms of resins may block or lump in hot weather climates or if stored near heat sources. Inside storage is recommended and keep at temperature not exceeding 25°C.

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(2)No representation, warranty (expressed or implied, of merchantability, fitness or otherwise) or guarantee is made as to the suitability or fitness for use of the product in the customer's specific application. It's the user's responsibility to confirm the suitability and fitness for use of the product. Specifications are pursuant to Lesco Chemical's sampling and testing procedures in effect at the time of production. Analysis may be performed on representative samples and not the actual product shipped.

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LESTAC C100

Aliphatic C5 and Aromatic C9 Copolymerized Petroleum Resin / Hydrocarbon Resin

Rev.03

25/05/2008

LESTAC C100 is pale yellow thermoplastic resin obtained from mainly polymerizing unsaturated aliphatic diolefins and aromatic coumarone, indene derived from the process of thermal cracking of naphtha. The major usages are tackifier for pressure sensitive adhesive, because of its well balanced PSA properties such as tackness, adhesive strength and cohesive strength. This grade also can be use as the binder for Paint, Printing Ink, Rubber Compound, tire, water repellent agent, concrete curing agent and binder for asphalt, etc.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	95-105	ASTM E 28
Color (Molten Resin, Ga.#)	Max.10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	Max.12	ASTM D 1544
Acid Value (KOHmg/g)	Max.1	ASTM D 974
Melt Viscosity (BRF, @200°C, cps)	Max.450	ASTM D 3236
Bromine Number (Br.cg/g)	Max.150	ASTM D 1159
Ash Value (%)	Max.0.05	ASTM D 4930

TYPICAL PROPERTIES

Specific Gravity (20/20°C)	1.03	ASTM D 71
Softening Point (Ring & Ball, °C)	100	ASTM E 28
Color (Molten Resin, Ga.#)	10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	12	ASTM D 1544
Acid Value (KOHmg/g)	0.45	ASTM D 974
Melt Viscosity BRF, @160°C, cps	980	ASTM D 3236
BRF, @200°C, cps	256	
Volatile Content (wt %)	< 1.0	150°C, 2hr

*Actual data will be reported on Certificate of Analysis

PACKING

25kgs/paper bag, Woven-plastic, big bags: 500kgs, 600kgs, 750kgs, 1000kgs

STORAGE

Palletized forms of resins may block or lump in hot weather climates or if stored near heat sources. Inside storage is recommended and keep at temperature not exceeding 25°C.

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LESTAC C110

Aliphatic C5 and Aromatic C9 Copolymerized Petroleum Resin / Hydrocarbon Resin

Rev.03

25/05/2008

LESTAC C110 is pale yellow thermoplastic resin obtained from mainly polymerizing unsaturated aliphatic diolefins and aromatic coumarone, indene derived from the process of thermal cracking of naphtha. The major usages are tackifier for pressure sensitive adhesive, because of its well balanced PSA properties such as tackness, adhesive strength and cohesive strength. This grade also can be use as the binder for Paint, Printing Ink, Rubber Compound, tire, water repellent agent, concrete curing agent and binder for asphalt, etc.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	105-115	ASTM E 28
Color (Molten Resin, Ga.#)	Max.10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	Max.12	ASTM D 1544
Acid Value (KOHmg/g)	Max.1	ASTM D 974
Melt Viscosity (BRF, @200°C, cps)	Max.450	ASTM D 3236
Bromine Number (Br.cg/g)	Max.150	ASTM D 1159
Ash Value (%)	Max.0.05	ASTM D 4930

TYPICAL PROPERTIES

Specific Gravity (20/20°C)	1.03	ASTM D 71
Softening Point (Ring & Ball, °C)	110	ASTM E 28
Color (Molten Resin, Ga.#)	10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	12	ASTM D 1544
Acid Value (KOHmg/g)	0.45	ASTM D 974
Melt Viscosity BRF, @160°C, cps	970	ASTM D 3236
BRF, @200°C, cps	252	
Volatile Content (wt %)	< 1.0	150°C, 2hr

***Actual data will be reported on Certificate of Analysis**

PACKING

25kgs/paper bag, Woven-plastic, big bags: 500kgs, 600kgs, 750kgs, 1000kgs

STORAGE

Palletized forms of resins may block or lump in hot weather climates or if stored near heat sources. Inside storage is recommended and keep at temperature not exceeding 25°C.

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LESTAC C120

Aliphatic C5 and Aromatic C9 Copolymerized Petroleum Resin / Hydrocarbon Resin

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25/05/2008

LESTAC C120 is pale yellow thermoplastic resin obtained from mainly polymerizing unsaturated aliphatic diolefins and aromatic coumarone, indene derived from the process of thermal cracking of naphtha. The major usages are tackifier for pressure sensitive adhesive, because of its well balanced PSA properties such as tackness, adhesive strength and cohesive strength. This grade also can be use as the binder for Paint, Printing Ink, Rubber Compound, tire, water repellent agent, concrete curing agent and binder for asphalt, etc.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	115-125	ASTM E 28
Color (Molten Resin, Ga.#)	Max.10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	Max.12	ASTM D 1544
Acid Value (KOHmg/g)	Max.1	ASTM D 974
Melt Viscosity (BRF, @200°C, cps)	Max.450	ASTM D 3236
Bromine Number (Br.cg/g)	Max.150	ASTM D 1159
Ash Value (%)	Max.0.05	ASTM D 4930

TYPICAL PROPERTIES

Specific Gravity (20/20°C)	1.03	ASTM D 71
Softening Point (Ring & Ball, °C)	120	ASTM E 28
Color (Molten Resin, Ga.#)	10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	12	ASTM D 1544
Acid Value (KOHmg/g)	0.5	ASTM D 974
Melt Viscosity BRF, @160°C, cps	1023	ASTM D 3236
BRF, @200°C, cps	289	
Volatile Content (wt %)	< 1.0	150°C, 2hr

***Actual data will be reported on Certificate of Analysis**

PACKING

25kgs/paper bag, Woven-plastic, big bags: 500kgs, 600kgs, 750kgs, 1000kgs

STORAGE

Palletized forms of resins may block or lump in hot weather climates or if stored near heat sources. Inside storage is recommended and keep at temperature not exceeding 25°C.

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LESTAC C130

Aliphatic C5 and Aromatic C9 Copolymerized Petroleum Resin / Hydrocarbon Resin

Rev.03

25/05/2008

LESTAC C130 is pale yellow thermoplastic resin obtained from mainly polymerizing unsaturated aliphatic diolefins and aromatic coumarone, indene derived from the process of thermal cracking of naphtha. The major usages are tackifier for pressure sensitive adhesive, because of its well balanced PSA properties such as tackness, adhesive strength and cohesive strength. This grade also can be use as the binder for Paint, Printing Ink, Rubber Compound, tire, water repellent agent, concrete curing agent and binder for asphalt, etc.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	125-135	ASTM E 28
Color (Molten Resin, Ga.#)	Max.10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	Max.12	ASTM D 1544
Acid Value (KOHmg/g)	Max.1	ASTM D 974
Melt Viscosity (BRF, @200°C, cps)	Max.450	ASTM D 3236
Bromine Number (Br.cg/g)	Max.150	ASTM D 1159
Ash Value (%)	Max.0.05	ASTM D 4930

TYPICAL PROPERTIES

Specific Gravity (20/20°C)	1.03	ASTM D 71
Softening Point (Ring & Ball, °C)	130	ASTM E 28
Color (Molten Resin, Ga.#)	10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	12	ASTM D 1544
Acid Value (KOHmg/g)	0.45	ASTM D 974
Melt Viscosity BRF, @160°C, cps	973	ASTM D 3236
BRF, @200°C, cps	273	
Volatile Content (wt %)	< 1.0	150°C, 2hr

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PACKING

25kgs/paper bag, Woven-plastic, big bags: 500kgs, 600kgs, 750kgs, 1000kgs

STORAGE

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LESTAC C140

Aliphatic C5 and Aromatic C9 Copolymerized Petroleum Resin / Hydrocarbon Resin

Rev.03

25/05/2008

LESTAC C140 is pale yellow thermoplastic resin obtained from mainly polymerizing unsaturated aliphatic diolefins and aromatic coumarone, indene derived from the process of thermal cracking of naphtha. The major usages are tackifier for pressure sensitive adhesive, because of its well balanced PSA properties such as tackness, adhesive strength and cohesive strength. This grade also can be use as the binder for Paint, Printing Ink, Rubber Compound, tire, water repellent agent, concrete curing agent and binder for asphalt, etc.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	135-145	ASTM E 28
Color (Molten Resin, Ga.#)	Max.10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	Max.12	ASTM D 1544
Acid Value (KOHmg/g)	Max.1	ASTM D 974
Melt Viscosity (BRF, @200°C, cps)	Max.450	ASTM D 3236
Bromine Number (Br.cg/g)	Max.150	ASTM D 1159
Ash Value (%)	Max.0.05	ASTM D 4930

TYPICAL PROPERTIES

Specific Gravity (20/20°C)	1.03	ASTM D 71
Softening Point (Ring & Ball, °C)	140	ASTM E 28
Color (Molten Resin, Ga.#)	10	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	12	ASTM D 1544
Acid Value (KOHmg/g)	0.5	ASTM D 974
Melt Viscosity BRF, @160°C, cps	993	ASTM D 3236
BRF, @200°C, cps	280	
Volatile Content (wt %)	< 1.0	150°C, 2hr

***Actual data will be reported on Certificate of Analysis**

PACKING

25kgs/paper bag, Woven-plastic, big bags: 500kgs, 600kgs, 750kgs, 1000kgs

STORAGE

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