



Indorez® Coumarone Indene Resin



PRODUCT IN FOCUS



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INTRODUCTION

Indorez® Coumarone Indene Resin also known as CI Resin, is a thermoplastic aromatic resin which is produced through the polymerization of coumarone, indene & styrene. Each of these three ingredients play an important role in the performance of CI resin. Coumarone imparts cohesiveness and works as process aid, Styrene imparts heat resistance and Indene imparts transparency and better adhesiveness.

Coumarone Indene Resin has very good affinity with natural and synthetic rubbers. Its key characteristics include imparting good performance as a tackifier, softening and reinforcing agent.

These type of resins are designed to have excellent resistance to alkalis, dilute acids and moisture. They can improve the moulding operation, increase the hardness and elasticity of the product.

Synonym	Coumarone Resin
CAS no.	63393-89-5
Molecular Formula	C_8H_6O

SPECIFICATIONS [OC-100 – Typically used grade in rubber industry]

Test	Unit	Specification
Appearance	-	Brownish Transparent Granules
Colour	Ga#	Max 18
Softening Point (Ring & Ball)	°C	90 - 100
Acid Value	mgKOH/g	Max 0.30
Ash	%	Max 0.05

ExSyn can offer different grades of CI resins suitable for various applications.



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EXSYN®
ESSENTIAL CHEMISTRY

APPLICATIONS

Excellent tack retention, higher adhesive bond strength, etc. are some important characteristics of Coumarone Indene resins which makes it a resin of choice in rubber, coatings and adhesive applications. CI resin is used as a tackifier and softener for natural and synthetic rubber.

Sr. No.	Applications
1	Rubber Compounds, Tyres, Tubes, Belts & other Rubber products
2	Adhesives and Adhesive tapes
3	Varnishes, Anti-Corrosive Paints & Coatings
4	Printing Inks

PACKAGING

Y 25 Kg Bags

STORAGE

Store in a sheltered place away from sources of heat and moisture.

No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please get in touch with us.