



Guardian-CT is a CoMo Trilobe designed for use as bed grading in a variety of hydroprocessing unit applications. This shaped extrudate, typically loaded below other inert and active gradings such as Eurecat's Guardian-CR CoMo Rings, provides even flow distribution and pressure drop control along with moderate hydrogenation activity ahead of the main bed high activity HDS/HDN catalysts. Guardian-CT also offers excellent physical integrity.

Eurecat's Guardian Trilobes deliver a very cost effective and environmentally friendly way to maximize overall catalyst life since they are manufactured utilizing carefully selected high quality regenerated catalyst as a portion of their formulation. Customized Guardian-CT extrudate diameters are also available upon request.

Guardian-CT Cobalt/Molybdenum Trilobes Typical Properties

Nominal Diameter	mm	2.6
	in	1/10
Sock Load Density	kg/m ³	650
	lb/ft ³	41
Dense Load Density	kg/m ³	730
	lb/ft ³	46
Void Fraction	%	42
Side Crush Strength	kg/mm	2.0
	lb/mm	4.5
Bulk Crush Strength	Mpa	1.1
	lb/in ²	160

Standard Drum Packaging **136 kg / 300 lb**

Standard Supersack Packaging **816.5 kg / 1,800 lb**

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