



PRODUCT SHEET

GUARDIAN-CR
HYDROPROCESSING CATALYST

Type: Cobalt Molybdenum (Co/Mo) Hollow Cylinder

Application Areas: Particulate Trap, Bed Grading, HDS Activity

Description: Part of TRICAT's GUARDIAN Family, GUARDIAN-CR is a hollow cylinder with excellent physical integrity. GUARDIAN-CR demonstrates high void space for maximum effectiveness in trapping particulates that may lead to excessive pressure drop. GUARDIAN-CR offers very good HDS activity for all fixed bed hydrotreating applications where guard bed topping material is beneficial.

Typical Properties:

Catalyst		GUARDIAN-CR	
Shape		3/16" Hollow Cylinder	
CoO	wt. %	2	
MoO3	wt. %	8	
Bulk Density	lbs. / ft. ³	Sock	Dense
		35	40
Surface Area	m ² /g	200	
Attrition	wt. %	2	
Side Crush Strength	lbs./mm.	2	
Packaging:			
Supersacks	lbs.	1,000	
Drums	lbs.	300	
Stoichiometric S uptake	wt. %	5	

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