



PRODUCT SHEET

GUARDIAN-NT

HYDROPROCESSING CATALYST

Type: Nickel Molybdenum (Ni/Mo) Shaped Extrudate

Application Areas: HDS, HDN, and HDM Activity, Bed Grading

Description: Part of TRICAT's GUARDIAN Family, GUARDIAN-NT is a high HDS, HDN, HDM activity three-lobed extrudate for guard bed, grading, or active topping material in fixed bed naphtha through vacuum resid fed hydrotreating applications.

Typical Properties:

Catalyst		GUARDIAN-NT	
Size / Shape		1/10" TriCatLobed	
NiO	wt. %	3	
MoO3	wt. %	12	
Bulk Density	lbs. / ft. ³	Sock	Dense
		46	52
Surface Area	m ² /g	160	
Attrition	wt. %	2	
Side Crush Strength	lbs./mm.	5	
Packaging:			
Supersacks	lbs.	1,800	
Drums	lbs.	300	
Stoichiometric S uptake	wt. %	7	

07/03



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