



Nickel Based DRI-Reforming Catalyst

RT-DR-28

Use: DRI process, high activity catalyst

RT-DR-28 is a newly developed nickel catalyst on a calcium aluminate support, which has been optimized for shape. It is specifically tailored for use in the Midrex DRI process, but can also be used in H₂ production units that utilize natural gas and Coke Oven Gas (COG). Our unique sphere shape for maximum pressure drop and high flow through the tube. Very high compressive strength between 30-50% higher than other catalysts.

To maximize effectiveness, RT-DR-28 is loaded in the top of reformer tubes along with RT-DR-26 (loaded on middle) and RT-DR-24 (loaded on bottom). This durable steam-reforming catalyst has a good performance and a very long lifetime. These catalysts offer high crush strength and good structural integrity.



Diameter	28 +/-2	mm
Length	28	mm
Bulk Density	1000-1100	kg/m ³
Crush Strength	≥ 100	Kg/p
Ni	14-15%	wt%

