

## Kennametal Stellite Deloro® 711 PM cast

Category : Metal , Nonferrous Metal , Nickel Alloy , Superalloy

**Material Notes:**Deloro 711 is currently being developed. Adhesive wear test data: P/M 0.1, cast 0.1; Abrasive wear test data P/M 6 mm<sup>3</sup>, cast 26 mm<sup>3</sup>.

Typical applications include vane plugs, fuel metering pins, spacer bushings, ball bearing blanks, race bearing blanks, diesel engine exhaust, fluid valve seats, saw cutter inserts, miscellaneous wear parts. Data provided by the manufacturer, Deloro Stellite Inc. Product of former Deloro Stellite Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kennametal-Stellite-Deloro-711-PM-cast.php](http://www.lookpolymers.com/polymer_Kennametal-Stellite-Deloro-711-PM-cast.php)

Physical Properties	Metric	English	Comments
Density	8.00 g/cc	0.289 lb/in <sup>3</sup>	theoretical

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	14	14	
	@Temperature 760 Â°C	@Temperature 1400 Â°F	
	30	30	
	@Temperature 649 Â°C	@Temperature 1200 Â°F	

Component Elements Properties	Metric	English	Comments
Boron, B	<= 1.0 %	<= 1.0 %	
Carbon, C	2.7 %	2.7 %	
Chromium, Cr	27 %	27 %	
Cobalt, Co	12 %	12 %	
Iron, Fe	23 %	23 %	
Molybdenum, Mo	7.0 %	7.0 %	
Nickel, Ni	23 %	23 %	as balance
Tungsten, W	3.0 %	3.0 %	

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