

COATINGS

for mould making

			
PROPERTIES	WC/C	DLC	CR2N
Micro hardness HV 0,05	~ 1500	~ 3000	~ 2400
Layer thickness (approx. µm)	~ 2,50	~ 1,50	~ 3,00
Friction coefficient against steel – dry	0,15 – 0,20	0,10 – 0,15	0,40 – 0,50
Max. working temperature (°C)	350	350	700
Abrasive friction resistance	+	+++	+++
Adhesion – galling	+++	+++	+
Corrosion	+	+++	+++
Demoulding	+	+	+++
Colour	black-grey	black-grey	light grey

+ = suitable to only a limited extent/+++ = most suitable

KNARR VERTRIEBS GMBH

Gunterstraße 31
95233 Helmbrechts
Germany

Phone +49 9252 9993-500
Fax +49 9252 9993-33
E-Mail sales@knarr.com

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