

Bales Mold Service Dia-Clust® (Diamond-Chrome) Mold Coating

Category : Metal , Metal Matrix Composite , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

Description: Dia-Clust®, also known as Diamond-Chrome, is a chromium matrix composite coating with an ultra-high dispersion of nanometer-sized, spherical -shaped diamond particles that give mold protection of at least 25% better than hard chrome plating alone. It is applied at very low temperatures to any metal without compromising its shape or size, it can be applied at any thickness and is very strippable. Applications: Moving components slides, rotating cores, locks, etc. Information provided by Bales Mold Service.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bales-Mold-Service-Dia-Clust-Diamond-Chrome-Mold-Coating.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	≥ 85	≥ 85	
Coefficient of Friction	≤ 0.15	≤ 0.15	

Processing Properties	Metric	English	Comments
Processing Temperature	54.4 °C	130 °F	Applied Temperature

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