

DIVYOL METAL DRAWING COMPOUNDS – WIRE DRAW 105 / 107

Applications:

Divyol Wire Drawing Fluids 105 and 107 are fatty mineral oil-based products that can withstand extreme pressures in severe operations like forming, stamping and deep drawing of aluminium and its alloys. These products are water insoluble and are recommended to be used undiluted. They may be applied by flooding, dipping or rolling on the parts depending on the method and equipment used for drawing.

Divyol Wire Draw 105 is recommended for general purpose light duty drawing operations of soft material.

Divyol Wire Draw 107 is designed for drawing of aluminium wire used in the manufacture of aluminium cables.

Advantages:

Divyol Wire Drawing Fluids 105 and 107 impart a bright and shiny surface on the wire. They enable maximum surface coverage (with superior wettability) and minimize friction making dies last longer. They also have excellent cooling ability and prove to be economical and power saving.

Typical properties:

Sr. No.	Characteristics	Test Method	Divol Wire Draw	
			105	107
1	Appearance	Visual	Bright and clear	Bright and clear
2	Flash point COC, °C, min.	ASTM D 92	210	210
3	Kinematic viscosity at 40 °C, cSt, min.	ASTM D 445	200	300
4	Saponification value	ASTM D 94	19	19
5	Neutralization number, mg KOH/g max.	ASTM D 664	0.4	0.4
6	Copper strip corrosion at 100 °C, 3 hrs.	ASTM D130	1	1

The above properties are typical values and do not constitute specification of the product.

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