

DIVYOL METAL DRAWING COMPOUNDS – WIRE MET 44

Applications:

Divyol Wire MET 44 oil is a non-staining, water-soluble cream used for deep drawing of copper wires, tube drawing, forming, spinning and other similar medium to heavy duty operations on carbon steels and nonferrous metal. It is a whitish cream paste for 'dry on' or emulsion application. The product is a specially balanced mixture of soap and fat. For application, it has to be diluted with water in a recommended ratio of between 1 to 5% depending upon the gauge of the wire to be drawn.

Advantages:

Divyol Wire MET 44 metal drawing compound has excellent film strength and cooling ability.

Typical properties:

Sr. No.	Characteristics	Test Method	Wire Met 44
1	Appearance	Visual	Homogeneous paste
2	Colour	ASTM D 1500	Whitish cream
3	Stability of 10% emulsion	ASTM D	Stable
4	Cu strip corrosion at RT 10% solution/12 hrs.	ASTM D 130	1
5	Total fatty matter, % by weight	ASTM D	53
6	Penetration (0.1 mm) unworked, max.	ASTM D 127	320
7	pH of 10 % emulsion	-	10 Type

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

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