



# Chemieresin Industries Pvt. Ltd.

Plot No. 901/A, Phase - 4, GIDC - Naroda, Ahmedabad - 382330

## Technical Data Sheet

### Product : CR 120 P

#### Specification

##### Characteristics

	Unit	Value
Colour	HU	20 max.
Volatile Loss (130°C/3 Hrs)wt..	%	10 max.
Ester Value	mg KOH/g	249–254
Acidity	wt.%	0.010Max
Moisture	wt..%	0.10 max.
Specific Gravity (27°C)	-	0.960–0.967.
Ester content	wt.%	99.50 min.
Heat Stability (180°C/2 Hrs)	HU	No Change.
Acidity after heat treatment	wt..%	0.03.
Plasticizing Esters by GC	% by area	99.50 min.
Residual alcohol	% by area	0.10 max.
Volume Resistivity	Ohmcm	4.5±1.0X10 .
Boiling Point @ 3.5mmHg	°C	255.
Pour point	°C	48.
Viscosity at 25	°Ccp	50 - 125.
Flash Point (COC)		
Refractive Index (27C)°	°C	1.483-1.486.

#### Properties

DIDP is a clear, colourless, and odourless liquid, free of foreign materials. It is soluble in most organic solvent and in soluble in water.

#### Application

CR 120 P is used in PVC as a plasticizer. More than half of the remaining 5% is used in the production of polymers other than PVC (e.g. rubbers). The remaining CR 120 P is used in non-polymer application including anticorrosion paints, anti-fouling paints, lacquers, inks, adhesives and sealants. In wire and cable formulation CR 120 P finds wide use in 75°C THW building wire compounds and in 80°C and 90°C appliance wire insulation. In

plastisol application, DIDP provide good initial viscosities and excellent viscosity stability.

**Packing :**

CR 120 P is packed in 200/225 kg iron drum/HDPE drum, It is stored in tightly closed container, in a cool, dry, ventilated area.

**Safety**

The MSDS can be provided on request.

**Disclaimer**

The data contained in this publication are based on our current knowledge and experience. During processing, there are so many factors which may affect the application part of TOTM, so these data neither imply any guarantee of certain properties, nor the suitability of the product for the specific purpose. Any data given in this publication may change without prior information and do not constitute the agreed quality of our product.

**Shelf Life**

Original characteristics remain intact for 24 months, if kept in recommended storage.