

# CRAY VALLEY

Technical Data Sheet

## KRASOL® F 3100

This product is still experimental - typical values could change

### Hydrogenated Hydroxyl Terminated Polyfarnesene

#### DESCRIPTION

Krasol® F 3100 is a hydrogenated, bio-based hydroxyl terminated, liquid polyfarnesene resin. The unique backbone structure provides lower viscosity than polybutadienes at similar molecular weight.

#### PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES

Low viscosity  
Low surface energy  
Electrical insulative properties  
Water resistant  
Excellent substrate wetting

#### SUGGESTED APPLICATIONS

Electronics  
Polyurethanes  
Adhesives

#### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Property	Test Method	Value	Unit
Molecular Weight (Mn)	GPC	3,000	g/mol
1,2 Vinyl	Proton NMR	0	wt. %
Viscosity @ 25°C	Brookfield	15,000	cps
Tg	DSC	-56	°C
Specific Gravity @ 25°C	ASTM D891	0.90	-
-OH (Groups/Chain)	FT-NIR	2.0	-

**Regulatory Notice:** EAR99 - No license required



'CRAY VALLEY' is a brand name only. The Business Unit name 'CRAY VALLEY' or the brand name 'CRAY VALLEY' may be used for promotion and/or sale of CRAY VALLEY products by TotalEnergies Petrochemicals & Refining USA Inc. ('TEPRI') or by Cray Valley SA, Cray Valley HSC Asia Limited, Cray Valley (Guangzhou) Chemical Co., Ltd, Cray Valley Italia S.r.l and Cray Valley Czech S.r.o. ('Cray Valley Legal Entities'). TEPRI and each of the Cray Valley Legal Entities are independent entities (each are individually referred to as "SELLER"). The information contained in this document is believed to be true and accurate on the date issued. Seller reserves the right to make any changes to the product according to technological progress or further developments. FINAL DETERMINATION OF SUITABILITY AND USE OF ANY PRODUCT FOR PROCESSING, USE, SALE, MARKETING, OR OTHER APPLICATION(S) IS THE SOLE RESPONSIBILITY OF THE BUYER/USER. IN NO EVENT WILL ANY SELLER ASSUME ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN OR RELIANCE THEREON. SELLER MAKES NO WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, REGARDING THE PRODUCT OR THE INFORMATION CONTAINED IN THIS DOCUMENT, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO SELLER. SELLER MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, CONCERNING THE SUITABILITY OF THE PRODUCT(S) FOR PROCESSING OR FOR BUYER'S/USER'S INTENDED USE, PROCESSING, APPLICATION, SALE, OR MARKETING. SELLER MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, OF ANY TECHNICAL SUPPORT, ANY PROPRIETARY INFORMATION PROVIDED, OR THE RESULTS THAT MIGHT BE OBTAINED FROM TECHNICAL SUPPORT. ALTERATION OF THIS DOCUMENT IS STRICTLY PROHIBITED. For further information please contact your local sales representative or visit [www.crayvalley.com](http://www.crayvalley.com)