

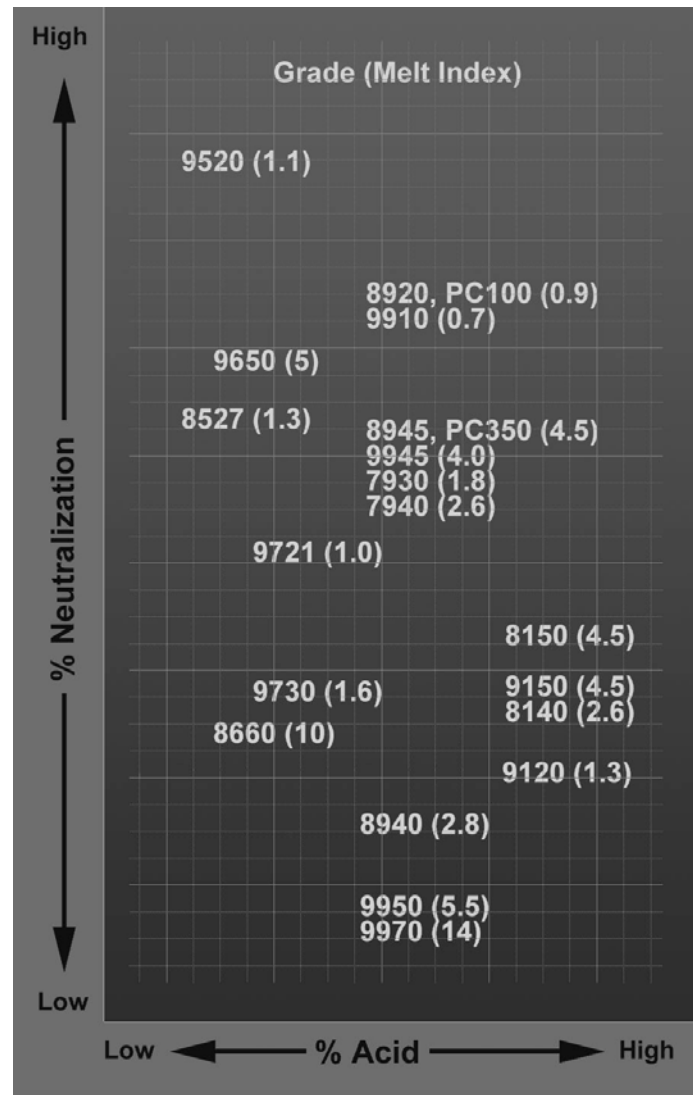
DuPont™ Surlyn®

RESINS

Properties Grid for Selected Industrial Grades of Surlyn®

Surlyn® Industrial Resins Property Grid (Grade Positioning Chart and Properties Guide)

As Neutralization Increases		As % Acid Increases	
<i>Increases:</i>	<i>Decreases:</i>	<i>Increases:</i>	<i>Decreases:</i>
<ul style="list-style-type: none"> Yield point Tensile strength Stiffness Hardness Abrasion resistance Yellowness Moisture uptake 	<ul style="list-style-type: none"> Adhesion Haze Freeze point Tear strength 	<ul style="list-style-type: none"> Yield point Tensile strength Stiffness Tensile impact Tear strength Hardness Stress crack resistance 	<ul style="list-style-type: none"> % Elongation Freeze point Haze
Zinc grades (9xxx Series)	Sodium grades (8xxx Series)	Lithium grades (7xxx Series)	
<ul style="list-style-type: none"> Better flow Higher impact strength Lower moisture uptake Better tear strength Better paint adhesion 	<ul style="list-style-type: none"> Lower haze Higher stress crack resistance 	<ul style="list-style-type: none"> Harder Stiffer Intermediate between Sodium and Zinc grades on moisture uptake 	



The miracles of science™

DuPont Offices Worldwide

Americas

DuPont Company, BMP26-2215
Lancaster Pike & Route 141
Wilmington, DE 19805 U.S.A.
Telephone +1 302 774 1161
Toll-free (USA) 800 628 6208 ext. 6
Fax +1 302 355 4056

DuPont do Brasil, S.A.
Alameda Itapecuru, 506
06454-080 Barueri, SP Brasil
Telephone +55 11 4166 8000
Fax +55 11 4166 8736

Asia Pacific

DuPont China Holding Co, Ltd.
Shanghai Branch
399 Keyuan Road, Bldg. 11
Zhangjiang Hi-Tech Park
Pudong New District, Shanghai
Telephone +86 21 3862 2888
Fax +86 21 3862 2889

Europe / Middle East / Africa

DuPont de Nemours Int'l. S.A.
2, Chemin du Pavillon Box 50
CH-1218 Le Grand Saconnex
Geneva, Switzerland
Telephone +41 22 717 51 11
Fax +41 22 717 55 00

www2.dupont.com/Surlyn/en_US

Copyright © 2005 DuPont. All rights reserved. The technical data herein are guides to the use of DuPont resins. The advice contained herein is based upon tests and information believed to be reliable, but users should not rely upon it absolutely for specific applications because performance properties will vary with processing conditions. It is given and accepted at user's risk and confirmation of its validity and suitability in particular cases should be obtained independently. The DuPont Company makes no guarantees of results and assumes no obligations or liability in connection with its advice.

This publication is not to be taken as a license to operate under, or recommendation to infringe, any patents CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see DuPont Medical Caution Statement, H-50102.
The DuPont Oval, DuPont™, The miracles of science™, and Surlyn® are trademarks or registered trademarks of DuPont or its affiliates.
Doc. Ref. SUR050920_1, v.1 (9/05)



The miracles of science™